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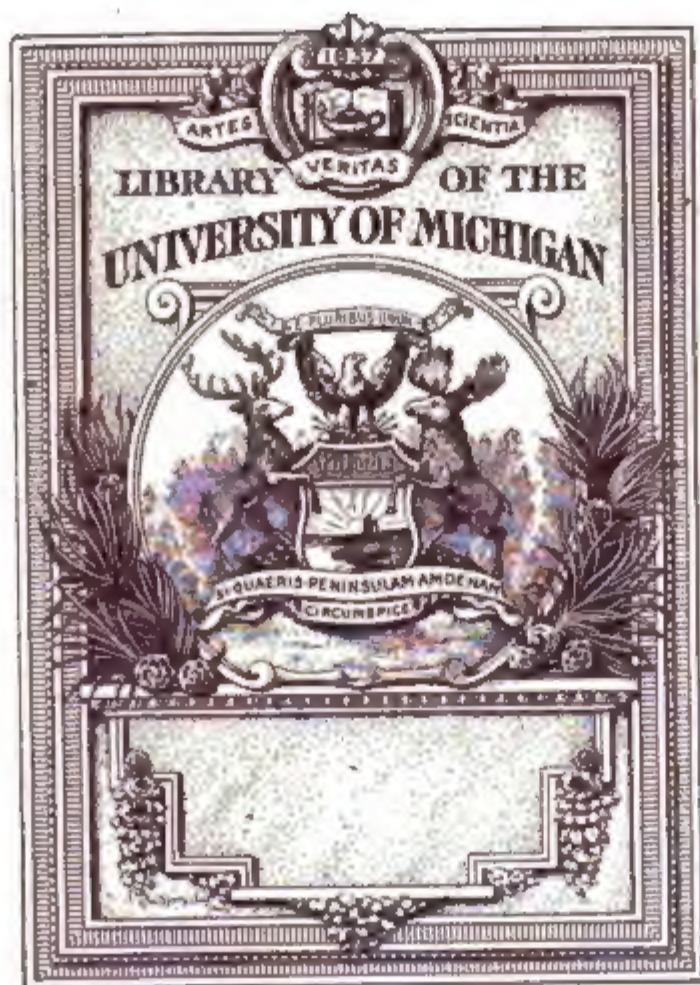
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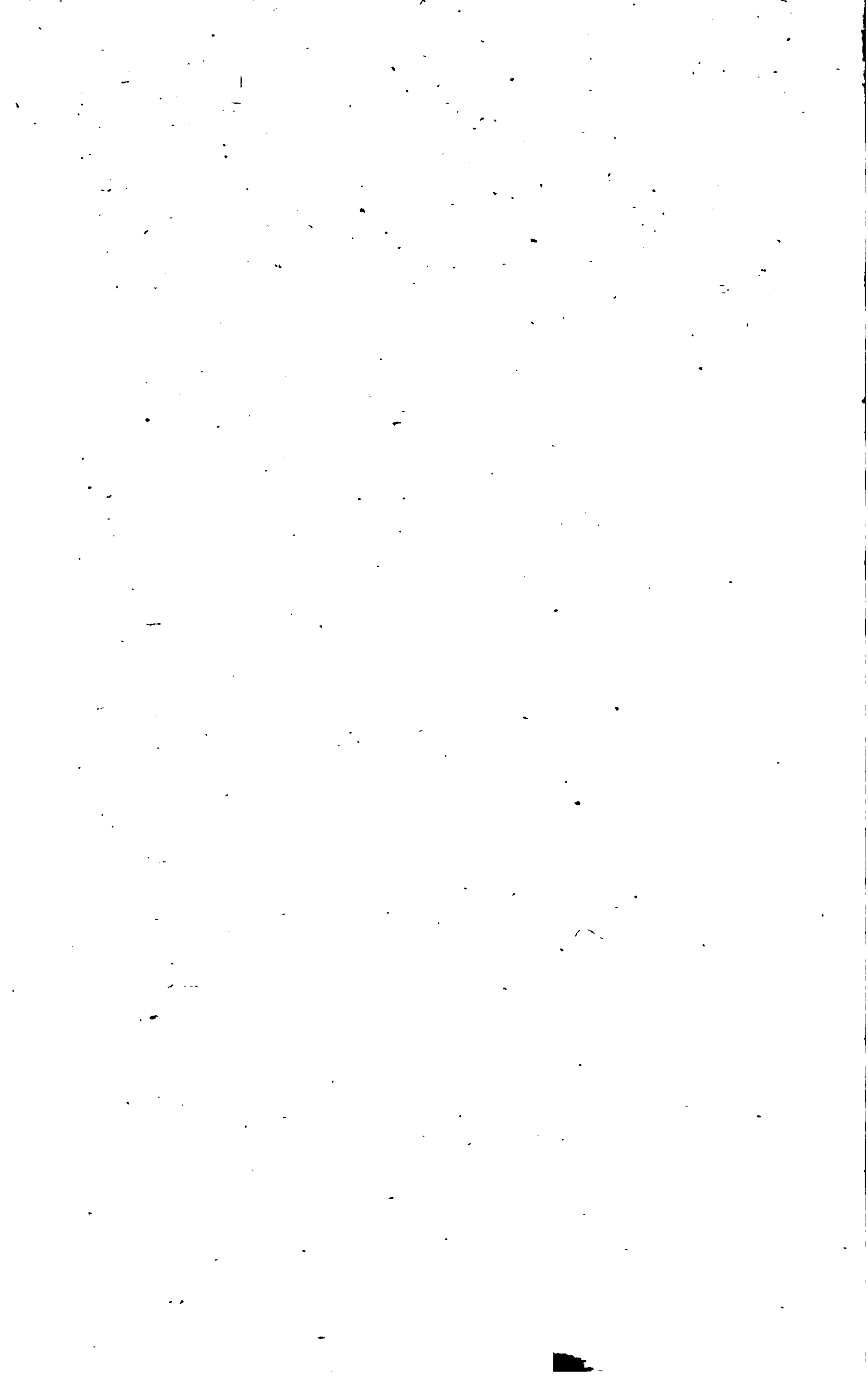
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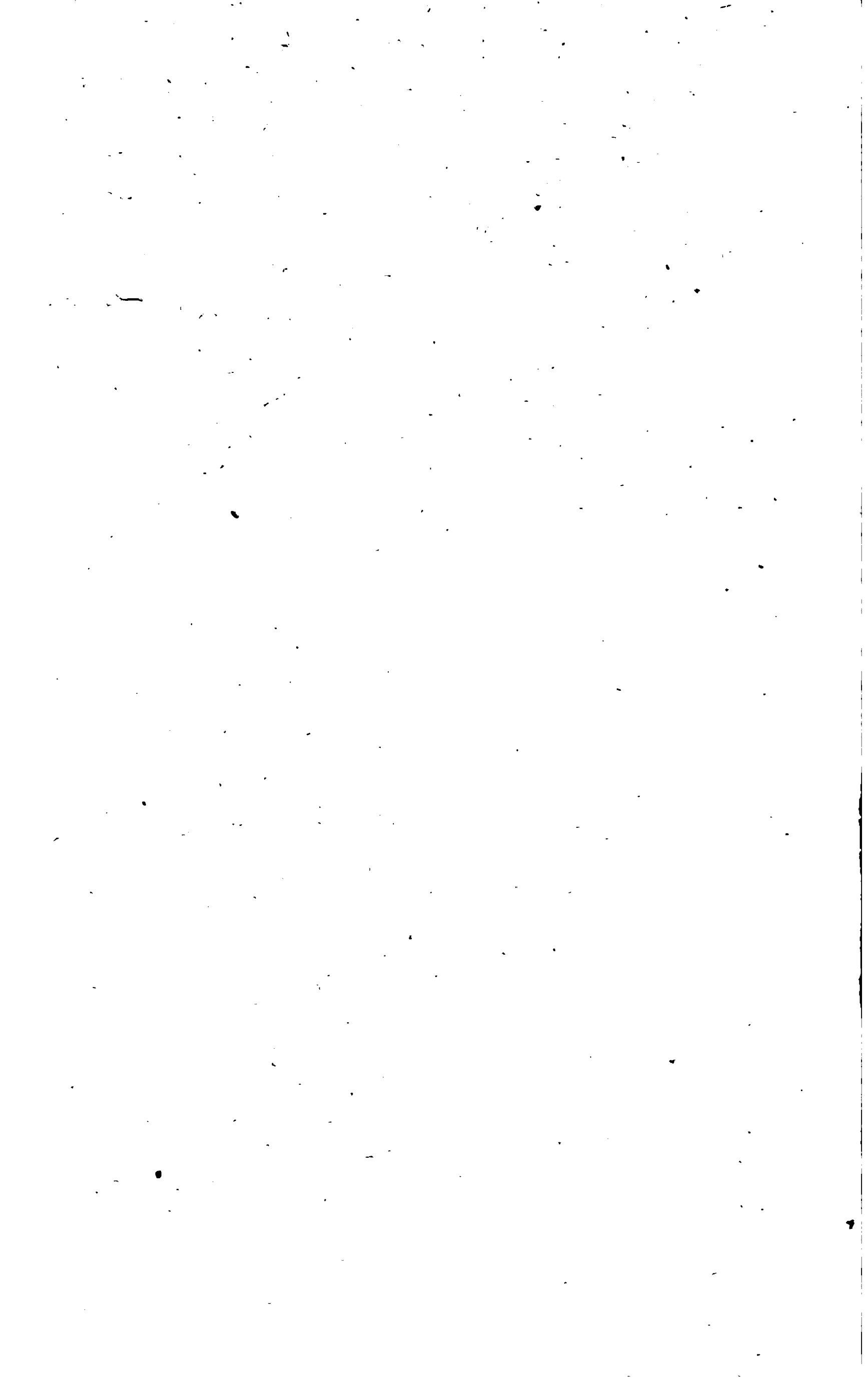
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ROYAL BOTANIC GARDENS, KEW.

HAND-LIST

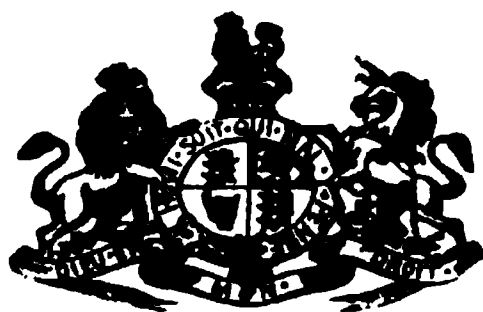
OF

TREES AND SHRUBS,¹⁰⁸⁸⁹

Excluding Coniferæ,

GROWN IN ARBORETUM.

(SECOND EDITION.)



LONDON:

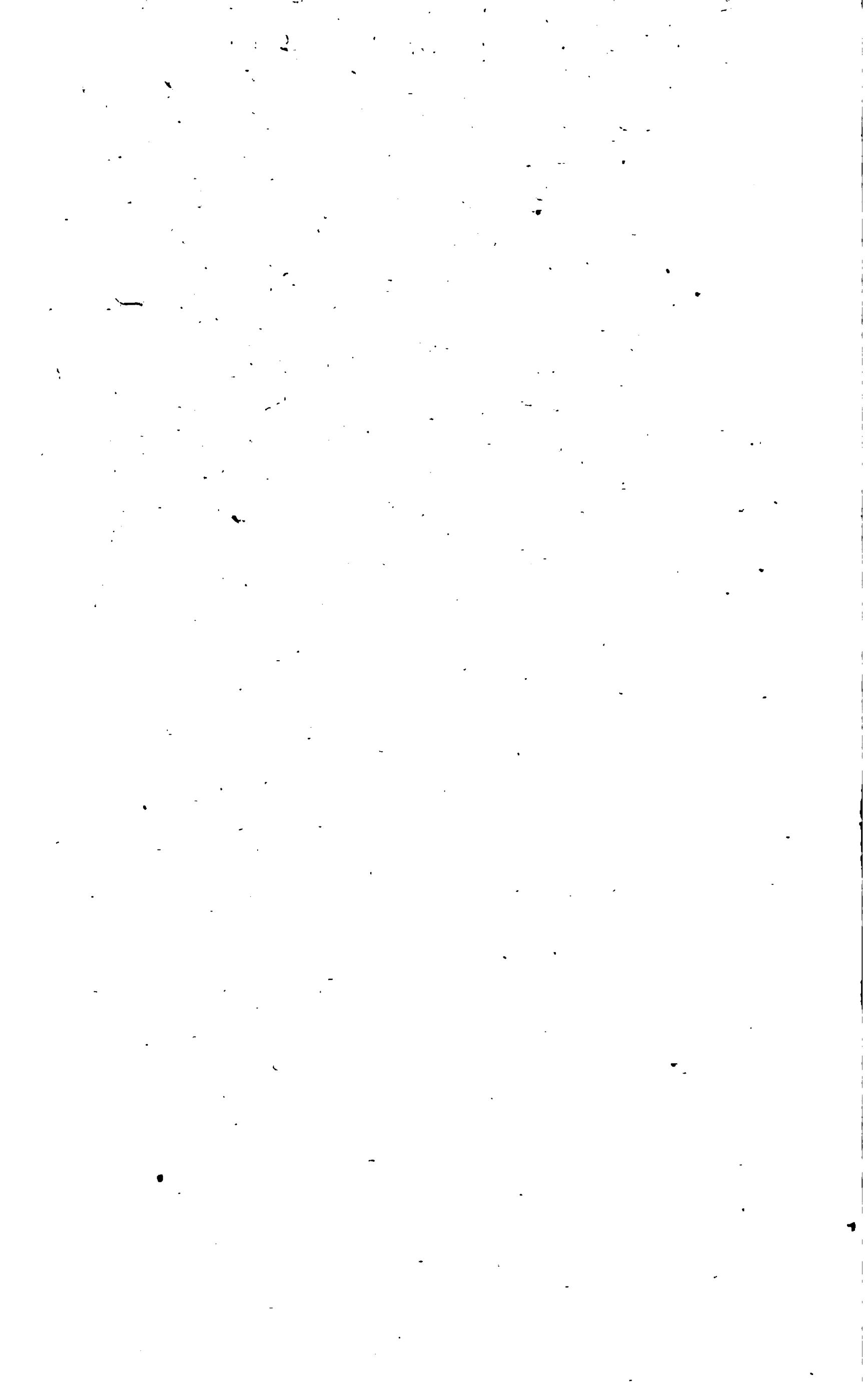
SOLD AT THE ROYAL BOTANIC GARDENS, KEW.

PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,

By DARLING & SON, LTD., 34-40, BACON STREET, E.

1903.

Price 1s. 3d.



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HAND-LIST

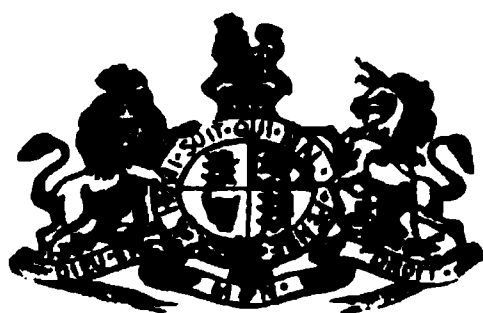
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PREFACE.

THE present is the first of a series of Hand-lists of the collections of living plants cultivated in the Royal Gardens which it is intended to issue from time to time.

It is hoped that they will be found useful in indicating to visitors interested in particular groups of plants, the species which Kew already possesses. In the hands of correspondents they will serve to show in what directions the collections may be added to. It is further hoped that they may be found of some value in establishing an approximate standard of nomenclature, which is often much confused in gardens and too frequently erroneous.

This is particularly the case with woody plants (shrubs and trees) grown in the open air. The preparation of the present list has accordingly been first taken in hand; it represents the work of many years, and has only been accomplished with considerable labour.

A rough census of the species and distinct varieties of plants cultivated at Kew gives the total number as, approximately, 20,000. Of these 3,000 are hardy shrubs or trees.

The first catalogue of the plants cultivated at Kew was that of Sir John Hill, published in 1768 (second edition 1769). This was entitled *Hortus Kewensis*, and

was an octavo volume of 458 pages. It has been reckoned to contain 3,389 species, of which 488 were hardy trees and shrubs.

In 1789 the elder Aiton published a more critical *Hortus Kewensis*, in which 5,535 species are enumerated.

The younger Aiton published in 1810 to 1813 a second edition in five volumes, "and in 1814 a catalogue or epitome, as it is called, of the species contained in the five volumes, for the use of practical gardeners; it contains . . . 314 additional species, the total number being 11,013."

This is the latest comprehensive list of plants in cultivation at Kew which has been published.

Occasionally lists of special collections have been issued since this date. Catalogues of the Ferns were issued in 1845, 1856, and 1868; of the Hardy Herbaceous plants in 1853; of Succulent plants in 1856; of *Aroideæ* in 1878; of *Bromeliaceæ* in 1879; of *Aloineæ*, *Yuccoideæ*, and Agaves in 1880; of Economic plants in 1881; of Palms in 1882; of Primulas in 1886; and of Orchids flowered at Kew, in 1891. Since 1885 lists of seeds available for distribution with other botanical establishments have been issued annually.

An Arboretum has been for more than a century a feature of the Kew establishment. Perhaps it dates its formal commencement from 1762, when "all the Duke of Argyll's trees and shrubs were removed to the Princess of Wales's garden at Kew, which now excels all others, under the direction of Lord Bute."

“The old Arboretum in part still exists near the main gate on Kew Green. Many trees have perished and have been removed from age ; but those that remain include some of the finest specimens of rare trees in the Gardens.” (Some further particulars are given in the *Kew Bulletin* for 1891, page 316.)

The Botanical Garden, which was opened to the public in 1841, with Sir William Hooker as Director, comprised only about 11 acres ; it included, however, the old Arboretum. In 1844, by permission of the Queen, about 47 acres, including the ornamental piece of water in front of the Palm House, was added for the formation of a Pinetum. This was too near the smoke of suburban London, and it has lost its distinctive character. But many of the trees planted at this time are now of considerable magnitude.

The “Pleasure Grounds and Gardens at Kew” were in the occupation of the King of Hanover for sporting purposes at the time the Botanic Garden was given to the nation. The woods were filled with rough scrub for cover. In 1845 they were placed in the charge of Sir W. Hooker, with the “intention that they should be formed into a national arboretum.” A plan for the purpose was prepared in 1846 by W. A. Nesfield. The main features were carried out at the time, and the general principle has been worked upon ever since. In 1850 the Nursery was formed. In 1870 the new Pinetum was commenced.

The late Director, Sir Joseph Hooker (1865–1885), spared no pains to amass the most complete collection which could be formed of hardy woody plants. These

were obtained from public and private correspondents and establishments at home and abroad, partly by purchase, partly by gift and exchange. They had necessarily for the most part to be planted under the names with which they were received, and these, from confusion or accident, were often erroneous.

A great difficulty arose in rectifying this, from the fact that woody plants can rarely be identified with any accuracy till they flower or fruit. The process of accurate identification in an extensive arboretum is necessarily, therefore, a very slow one.

A further difficulty arises in a public arboretum from the fact that, though the specimens were all carefully labelled with their history and a corresponding register kept, these labels are apt to be misplaced or lost. To remedy this a separate Herbarium was formed, in which a specimen was preserved of every species or variety planted out, with the name under which and the source from which it was received. By reference to this Herbarium it was possible, in a large number of cases, to correct the nomenclature.

By this means it has also been possible to draw up the list of which the present is the first instalment. It must still be regarded as in some sense provisional and open to correction. But it has been possible to reduce an immense number of "trade" and "garden" names, and to bring the nomenclature to something like a standard.

It only remains to note that in this list the names of some plants will be found which are accorded specific rank on account of their distinctness from a cultural point of view, although botanists would regard them as mere varieties.

PREFACE TO SECOND EDITION.

THE first edition of the Hand-list of Trees and Shrubs (excluding Coniferæ) grown in the Kew Arboretum (Part I., 1894 ; Part II., 1896) has been for some time exhausted.

It is now republished in one volume after having been carefully revised and enlarged by the addition of the names of numerous species which have been added to the collection since the first edition was prepared.

The number of hardy shrubs and trees now enumerated amounts to about 4,500.

W. T. T. D.

Kew, Nov., 1902.

DICOTYLEDONS.
POLYPETALAE.
THALAMIFLORAE.

Ranunculaceae.

Clematis aethusifolia, *Turcz.* Amurland and North China

C. nutans var. *aethusifolia*, *O. Kuntze.*

C. integrifolia, *Maxim.* Bot. Mag. t. 6512.

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g. t. 530.

1951.

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b.).

ch. Mus. s. 2, viii. t. 2.

C. integrifolia × *recta*);
des fleurs t. 9. Garden

origin.

C. coerulea odorata, *Hort.*

C. davurica, *Hort.*

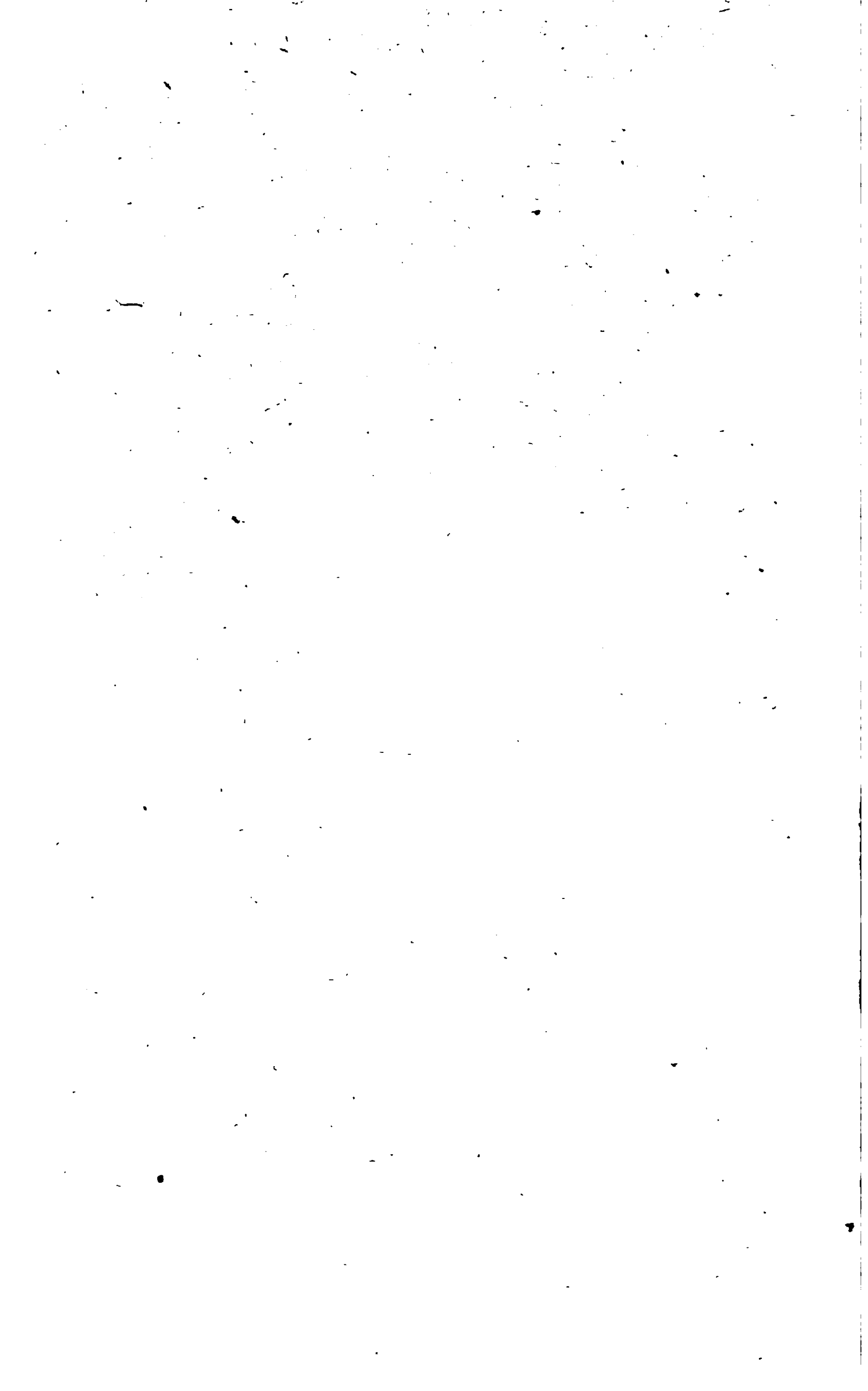
C. odorata, *Hort.*

C. odorata coerulea, *Hort.*

C. Bergeroni, *A. Lavall.* Clématites à grandes fleurs t. 10.

Origin unknown.

- C. brevicaudata**, *DC.* Mongolia and Mandshuria.
C. Pierotii, *Hort.* (not *Miq.*).
- C. calycina**, *Ait.* ; Bot. Mag. t. 959. Balearic Islands.
C. balearica, *Rich.* (not *Pers.*). Gard. Chron. 1878, ix. 501.
- C. campaniflora**, *Brot.* ; Lodd. Bot. Cab. t. 987. Portugal.
C. campanulata, *Hort.*
C. crispa, *Hort.* (not *L.*).
C. parviflora, *DC.*
C. revoluta, *Desf.*
C. viorniioides, *Hort.*
- C. cirrhosa**, *L.* ; Bot. Mag. t. 1070. South Europe.
C. balearica, *Pers.* (not *Rich.*).
C. pedicellata, *Lindl.*
C. polymorpha, *Viv.*
C. semitriloba, *Lag.*
- C. connata**, *DC.* ; Garden and Forest 1891, iv. 234, f. 42. Himalaya.
C. montana, *Hort.* (not *Wali.*).
C. venosa, *Royle.*
- C. crispa**, *L.* ; Bot. Mag. t. 1892. Eastern United States.
C. cordata, Bot. Mag. t. 1816.
C. cylindrica, Bot. Mag. t. 1160.
C. Simsii, *Sweet.*
C. Viorna, *Andr.* Bot. Rep. t. 71 (not *L.*).
- C. Flammula**, *L.* ; Reichb. Fl. Germ. iv. tt. 62, 63. Europe, &c.
C. angustifolia, *Jacq.*
C. caespitosa, *Scop.*
C. canaliculata, *Lag.*



ROYAL BOTANIC GARDENS, KEW.

HAND-LIST

OF

TREES AND SHRUBS,^{108 & 9}

Excluding Coniferæ,

GROWN IN ARBORETUM.

(SECOND EDITION.)



LONDON:

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1902.

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- C. lanuginosa*, *Lindl. Paxt. Fl. Gard.* iii. 107, t. 94. China.
- C. leiocarpa*, *Oliv. Hook. Ic. Plant.* t. 1533. China.
- C. ligusticifolia*, *Nutt.*; *Britt. & Br. Illustr. Fl.* ii. 68, f. W. United States.
- C. montana*, *Wall.*; *Bot. Reg.* xxvi. t. 53. Himalaya.
C. anemonaeflora, *D. Don.*
- Var. *rubens*, *O. Kuntze.* China.
- C. orientalis*, *L.* Orient.
C. graveolens, *Lindl.*; *Bot. Mag.* t. 4495.
C. flava, *Moench.*
C. Wilfordi, *Hort.*
- Var. *tangutica*, *Maxim.*; *Bot. Mag.* t. 7710.
- C. paniculata*, *Thunb.*; *Garden and Forest* 1890, 621, f. 82 Japan.
C. Vitalba var. japonica, *Houttuyn.*
- C. patens*, *Morr. & Decne.* China and Japan.
C. coerulea, *Lindl. Bot. Reg.* t. 1955.
C. coerulea grandiflora, *Hort.*
- C. Pitcheri*, *Torr. & Gray.* Colorado, &c.
C. coloradensis, *Buckl.*
- Var. *lasiostylis*, *A. Gray.*
- C. Pseudo-flammula*, *Schmalh.* Caucasus.
- C. Scottii*, *Porter.* N.W. America.
- C. songarica*, *Bunge.* N.E. Asia.
- C. verticillaris*, *DC.* N.America. "Purple Virgin's Bower."
Atragene americana, *Sims Bot. Mag.* t. 887.
- C. Viorna*, *L.*; *Andr. Bot. Rep.* i. t. 71. United States.
 "Leather Flower."

C. virginiana, L. ; Watson Dendr. Brit. i. t. 74. United States.

C. cordata, Pursh.

C. cordifolia, Moench.

C. fragrans, Salisb.

C. Vitalba, L. ; Eng. Bot. ed. 3, t. 1. Europe, &c. "Old Man's Beard."

C. bannatica, Wierzb.

C. taurica, Bess.

C. Viticella, L. ; Bot. Mag. t. 565. Europe.

C. hybrida, Hort.

Var. flore pleno.

Many garden varieties.

Xanthorrhiza apiifolia, L'Hérit. ; Bot. Mag. t. 1736. United States. "Shrub Yellow-root."

***Paeonia lutea, Franch. ; Bot. Mag. t. 7788. Mountains of Yunnan.**

P. Moutan, Sims Bot. Mag. tt. 1154, 2175. China. "The Moutan" or Tree Paeony.

P. arborea, Donn.

Calycanthaceae.

Calycanthus floridus, L. ; Bot. Mag. t. 503. South United States. "Carolina Allspice."

C. sterilis, Walt.

Butneria florida, Kearney.

Var. albus.

C. glaucus, Willd. South United States.*C. bullatus, Hort.**C. ferax, Michx.**C. fertilis, Walt.* ; Bot. Reg. t. 404.*C. floridus elongatus, Hort.**C. floridus var. inodorus, Torr. & Gray.**C. floridus var. laevigatus, Torr. & Gray.**C. floridus longifolius, Hort.**C. floridus ovatus, Hort.* ; Arbor. Segrez. Ic. xxiv.*C. inodorus, Elliott.**C. laevigatus, Willd.**C. nanus, Loisel. Nouv. Duham. i. 219, t. 48.**C. pennsylvanicus, Hort.**C. prunifolius, Hort.**Butneria fertilis, Kearney.***C. occidentalis, Hook & Arn.** ; Bot. Mag. t. 4808. California.*C. macrophyllus, Hort.***Chimonanthus fragrans, Lindl.** China and Japan.*Calycanthus praecox, L.* ; Bot. Mag. t. 466.Var. *grandiflorus, Lindl.* Bot. Reg. t. 451.**Magnoliaceae.*****Drimys aromatica, F. Muell.** Tasmania and Victoria.*Tasmannia aromatica, R. Br.* ; Bot. Reg. 1845, t. 43.***D. Winteri, Forst.** ; Bot. Mag. t. 4800. South America.

"Winter's Bark."

*D. chilensis, DC.**D. granatensis, L. f.**D. mexicana, DC.**Wintera aromatica, Murr.**Winterana aromatica, Soland.*

**Illicium floridanum*, *Ellis*; Bot. Mag. t. 439. South United States.

**I. religiosum*, *Sieb. & Zucc.*; Bot. Mag. t. 3465. China and Japan.

Magnolia acuminata, *L.*; Bot. Mag. t. 2427. Sargent Silva of North America tt. 4, 5. United States. "Cucumber Tree; Mountain Magnolia."

Var. *cordata*, *Sargent* Silva of North America t. 6.

M. cordata, *Michx.*; Bot. Reg. t. 325. South United States.

**M. Campbellii*, *Hook. f. & Thoms.*; Bot. Mag. t. 6793. Eastern Himalaya.

M. Delavayi, *Franch.* Plantae Delavayanae tt. 9, 10. Yunnan.

M. conspicua, *Salisb.*; Garden Sept. 22, 1888. China and Japan. "Yulan."

M. Yulan, *Desf.*; Bot. Mag. t. 1621.

M. Fraseri, *Walt.*; Sargent Silva of North America tt. 11, 12. South United States.

M. auricularis, *Salisb.*

M. auriculata, *Lam.*; Bot. Mag. t. 1206.

M. pyramidalis, *Bartr.*

M. glauca, *L.*; Lodd. Bot. Cab. t. 245; Sargent Silva of North America t. 3. United States. "Swamp Bay; Laurel Magnolia."

M. fragrans, *Salisb.*

M. longifolia, *Sweet.*

M. virginiana, *L. var. glauca.*

- M. grandiflora**, *L.* South United States. "Bull Bay."
M. foetida, *Sargent Silva* of North America tt. 1, 2.
- Var. angustifolia**, *Hort.*
M. Hartwegii, *Hort.*
M. Hartwicus, *Hort.*
M. salicifolia, *Hort.*
- Var. ferruginea**, *Hort.*
- Var. lanceolata**, *Ait.*; *Bot. Mag.* t. 1952.
M. exoniensis, *Lodd.*
- Var. undulata**, *Hort.*
- M. hypoleuca**, *Sieb. & Zucc.*; *Garden and Forest* 1888, i. 305, f. 49. Japan.
- M. Kobus**, *DC.*; *Sargent Forest Flora of Japan* t. 3. Japan.
M. Thurberi, *Hort.*
- M. Lennei**, *Van Houtte Flore des Serres* t. 1693. (*M. conspicua* × *obovata*). Garden origin.
- M. macrophylla**, *Michx.*; *Bot. Mag.* t. 2182. *Sargent Silva* of North America tt. 7, 8. South United States.
- M. Norbertii**, *Hort.* (*M. conspicua* × *obovata*). Garden origin.
M. norbertiana, *Hort.*
- M. obovata**, *Thunb.* China (cultivated only in Japan).
M. discolor, *Vent.*
M. denudata, *Lam.*
M. liliflora, *Lam.*
M. purpurea, *Curt.* *Bot. Mag.* t. 390.
Buergeria obovata, *Sieb. & Zucc.*
Talauma obovata, *Hance.*
T. Sieboldi, *Miq.*
Yulania japonica, *Spach.*

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 120. *Chlorophyll ayz* (Chl *ayz*)
 121. *Chlorophyll ayz* (Chl *ayz*)
 122. *Chlorophyll ayz* (Chl *ayz*)
 123. *Chlorophyll ayz* (Chl *ayz*)
 124. *Chlorophyll ayz* (Chl *ayz*)
 125. *Chlorophyll ayz* (Chl *ayz*)
 126. *Chlorophyll ayz* (Chl *ayz*)
 127. *Chlorophyll ayz* (Chl *ayz*)
 128. *Chlorophyll ayz* (Chl *ayz*)
 129. *Chlorophyll ayz* (Chl *ayz*)
 130. *Chlorophyll ayz* (Chl *ayz*)
 131. *Chlorophyll ayz* (Chl *ayz*)
 132. *Chlorophyll ayz* (Chl *ayz*

Figure 1

9.

1. *Chlorophyll a* (Chl *a*)

Condition	Control (n=10)	MCI (n=10)	AD (n=10)
1	~95	~85	~75
2	~90	~80	~70
3	~85	~75	~65
4	~85	~75	~65

[illegible]

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1. *Chlorophyll a* (Chl *a*)

Figure 1 consists of two scatter plots. The left plot shows a positive correlation between the number of children and the number of mothers, with data points clustered around a line with a positive slope. The right plot shows a negative correlation, with data points clustered around a line with a negative slope.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

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M. parviflora, *Sieb. & Zucc.*; Bot. Mag. t. 7411. Japan.

M. soulangeana, *Hort.* (*M. conspicua* × *obovata*). Garden origin.

M. Yulan var. *soulangeana*, *Lindl.* Bot. Reg. t. 1164.^o

M. alexandrina, *Hort.*

Var. *nigra*, *Hort.* (*M. conspicua* × *obovata*). Garden origin.

M. stellata, *Maxim.*; Bot. Mag. t. 6370. Japan.

M. halleana, *Hort.*

Buergeria stellata, *Sieb. & Zucc.*

Talauma stellata, *Miq.*

M. superba, *Hort.* (*M. conspicua* × *obovata*). Garden origin.

M. conspicua superba, *Hort.*

M. thompsoniana, *Hort.* Garden and Forest i. 269, f. 43
(*M. glauca* × *tripetala*?) Garden origin.

M. glauca var. *major*, Bot. Mag. t. 2164.

M. tripetala, *L.*; Loud. Arb. Brit. i. 269, t. 5; Sargent
Silva of North America tt. 9, 10. United States.
"Umbrella Tree; Elk-wood."

M. frondosa, *Salish.*

M. Umbrella, *Lam.*

M. Watsoni, *Hook. f.* Bot. Mag. t. 7157. Japan.

M. parviflora, *Hort.* (not *Sieb. & Zucc.*).

***Michelia compressa**, *Sargent* Garden and Forest 1893, 77,
f. 13. Japan.

Magnolia compressa, *Maxim.*

Liriodendron tulipifera, *L.* ; Bot. Mag. t. 275 ; Sargent
Silva of North America tt. 13, 14. United States.
"Tulip Tree."

Var. **aureo-marginata**.

Var. **chinensis**, *Hemsl.* China.

Var. **contorta**.

Var. **fastigiata**.

Schizandra chinensis, *Baill.* ; Arbor. Segrez. t. 26. China
and Japan.

S. japonica, *Hance*.

Kadsura chinensis, *Turcz.* (not *Hance*).

Maximowiczia chinensis, *Rupr.*

***Kadsura chinensis**, *Hance* (not *Turcz.*). China and Japan.

K. japonica, *Benth.*

*Var. **variegata**.

Trochodendraceae.

Cercidiphyllum japonicum, *Sieb. & Zucc.* Sargent Forest
Flora of Japan tt. 6, 7. Japan.

Eucommia ulmoides, *Oliver.* Hook. Ic. Plant. tt. 1950,
2361. China.

Euptelea davidiana, *Baill.*

Trochodendron aralioides, *Sieb. & Zucc.* ; Bot. Mag. t. 7375.
Japan.

Gymnanthus paradoxus, *Jungh.*

Tetracentron sinense, *Oliv.* Hook. Icon. Plant. t. 1892.
China.

~~Menispermaceae~~

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**C. laurifolia*, *DC.* Himalaya and Japan.

C. Thunbergi, *DC.* Japan.

Menispermum canadense, *L.*; Bot. Mag. t. 1910 North America. "Moonseed."

M. angulatum, *Moench.*

M. smilacinum, *DC.*

Cissampelos Smilacina, *L.*

M. dauricum, *DC.* Siberia, China, and Japan.

M. dahuricum, *Maxim.* Diagn. Pl. Nov. v. t. 2.

Berberidaceae.

**Lardizabala biternata*, *Ruiz. & Pav.*; Bot. Mag. t. 4501. Chili.

**Stauntonia hexaphylla*, *Decne.*; Sieb. & Zucc. Fl. Jap. t. 76. China and Japan.

**Holboellia latifolia*, *Wall.* Himalaya.

Stauntonia latifolia, *Wall.*; Gard. Chron. 1883, xix. 345.

Akebia lobata, *Decne.*; Bot. Mag. t. 7485. Japan.

A. quinata, *DC.*; Bot. Mag. t. 4864. China & Japan.

**Berberidopsis corallina*, *Hook. f.* Bot. Mag. t. 5343. Chili.

Berberis actinacantha, *Mart.*; Bot. Reg. xxxi. t. 55. Chili,

B. aetnensis, *Presl*; Flora Sardoia t. 5. Sardinia, Corsica. &c.

B. angulosa, *Wall.*; Bot. Mag. t. 7071. Himalaya.

B. Aquifolium, *Pursh*; Bot. Reg. t. 1425. Western North America.

Mahonia Aquifolium, *Paxt.*

Var. *fascicularis*, *Nichols.*

B. fascicularis, *Sims* Bot. Mag. t. 2396.

Mahonia fascicularis, *DC.*

Var. *latifolia*, *Hort.*

Var. *macrophylla*, *Hort.*

Var. *murrayana*, *Hort.*

Var. *rotundifolia*, *Hort.*

Var. *undulata nana*, *Hort.*

B. aristata, DC. Himalaya.

B. asiatica, Hort. (not *Wall.*).

B. coerulescens, Hort.

B. dealbata, Hort. (not *Lindl.*).

B. macrophylla, Hort.

B. nepalensis, Hort.

B. serratifolia, Hort.

B. virgata, Hort.

Var. floribunda, Hook. f. & Thoms. Temperate Himalaya.

B. floribunda, Wall.

B. coriacea, Hort.

B. coriaria, Lindl. Bot. Reg. xxvii. t. 46.

B. umbellata, Lindl. Bot. Reg. xxx. t. 44 (not *Wall.*).

• **B. asiatica, Roxb. ; Deless. Ic. Sel. ii. t. 1.** Himalaya.

B. buxifolia, Lam. ; Bot. Mag. t. 6505. Chili.

B. dulcis, Sweet.

B. rotundifolia, Hort.

Var. aureo-marginata, Hort.

Var. nana, Hort.

B. canadensis, Pursh ; Loud. Arbor. i. 303, f. 48. Canada &c. "American Barberry."

B. concinna, Hook. f. Bot. Mag. t. 4744. Himalaya.

B. congestiflora, Gay. var. hakeoides, Hook. f. Bot. Mag. t. 6770. Chili.

B. cretica, L. ; Sibth. Flora Graeca t. 342. Mediterranean region.

B. Darwinii, Hook. Bot. Mag. t. 4590. Chili.

Var. nana, Hort.

- B. diaphana*, *Maxim.* Flora Tangutica 32, t. 8. N.W. China.
- B. distyophylla*, *Franchet* Plantae Delavayanae 39, t. 11. Yunnan.
- B. empetrifolia*, *Lam.*; Bot. Reg. xxvi. t. 27. Chili.
B. cuneata, *Hort.* (not *DC.*).
B. rubricaulis, *Hort.* . . .
B. revoluta, *Smith.*
- B. Fendleri*, *A. Gray*; Garden and Forest 1888, 462, f. 72. S. Rocky Mountains.
- B. Fortunei*, *Lindl.* Journ. Hort. Soc. Lond. i. 300. China.
- B. Fremonti*, *Torr.*; Garden and Forest 1888, 497, f. 77. South-west United States.
B. trifoliata, *Torr.* (in part).
- B. Guimpelii*, *C. Koch.* Origin uncertain.
- B. heterophylla*, *Juss.*; Hook. Exotic Flora i. t. 14. Chili.
B. tricuspidata, *Sm.*
- B. heteropoda*, *Schrenk*; Garden and Forest viii. 455, f. Central Asia.
- B. ilicifolia*, *Forst.*; Bot. Mag. t. 4308. Straits of Magellan.
- B. integerrima*, *Bunge* Reliq. Lehm. t. 1. Central Asia.
B. densiflora, *Boiss. & Buhse.*
- Var. *Pyracantha.*
- B. japonica*, *R. Br.* China and Japan.
B. Bealei, *Fortune* Bot. Mag. t. 4852.
B. Bealei var. *planifolia*. Bot. Mag. t. 4846.
Mahonia japonica, *Thunb.*

- B. Lycium**, *Royle* ; Bot. Mag. t. 7075. Himalaya.
B. angustifolia, *Roxb.*
B. aristata, *Hort.* (not *DC.*).
B. aurahuacensis, *Hort.* (not *Lem.*).
B. elegans, *Hort.*
B. glauca, *Hort.*
B. glaucescens, *Hort.*
- B. montana**, *C. Gay.* Chili.
- B. nepalensis**, *Spreng.* Kashmir, &c.
B. leschenaultiana, *Wall.*
Mahonia intermedia, *Hort.*
M. japonica, *DC.*
M. napaulensis, *DC.*
M. Sieboldi, *Hort. Segrez.*
- B. nervosa**, *Pursh* ; Bot. Mag. t. 3949. North - west
 America.
B. glumacea, *Spreng.*
Mahonia glumacea, *DC.*
M. nervosa, *Nutt.*
- B. Neuberti** (*B. Aquifolium* \times *vulgaris*) ; Gard. Chron.
 1891, ix. 72.
B. ilicifolia, *Hort.* (not *Forst.*).
- B. pruinosa**, *Franchet.* Yunnan.
- B. repens**, *Lindl.* Bot. Reg. t. 1176. North America.
Mahonia repens, *G. Don.*
- B. ruscifolia**, *Lam.* Illustr. t. 253, f. 2. Argentina.
- B. serotina**, *Lange* Botanisk Tidsskrift ser. 3, ii. t. 1
 Origin unknown.
- B. sibirica**, *Pall.* ; Bot. Reg. t. 487. Siberia, &c.

B. Sieboldii, *Miq.*; Garden and Forest 1890, 249. China and Japan.

B. sinensis, *Desf.*; Bot. Mag. t. 6573. China and Japan.

B. chinensis, *Hort.*

B. monosperma, *Hort.* (not *Ruiz. & Pav.*).

B. stenophylla, *Moore* (not *Hance*), (*empetrifolia* × *Darwinii*.) Gard. Chron. 1880, xiv. 213, f. 41. Garden origin.

Var. *reflexa*.

B. reflexa, *Hort.*

B. Thunbergii, *DC.*; Bot. Mag. t. 6646; Garden and Forest 1889, ii. 53, f. Japan.

B. Maximowiczii, *Regel.*

Var. *Dawsoni*, *Hort.*

Var. *macrocarpa*, *Hort.*

Var. *myrtifolia*, *Hort.*

B. umbellata, *Wall.* Temperate Himalaya.

B. aristata, *Hook.* Bot. Mag. t. 2549 (not *Wall.*)

B. valdiviana, *Phil.* Chili.

B. virescens, *Hook. f.* Bot. Mag. t. 7116. Himalaya.

B. aristata, *Hort.* (not *Wall.*).

B. aristata micrantha, *Hort.*

B. belstaniana, *Hort.*

B. macrosepala, *Hort.*

Var. *fructu rubro*.

Var. *macrocarpa*.

B. vulgaris, *L.*; Eng. Bot. ed. 3, t. 51. Europe, Temperate Asia, N. Africa. "Barberry."

Var. *albo-spicata Krynsii*, *Hort.*

B. vulgaris—cont.

Var. *brachybotrys*, Hook. f. Himalaya.

Var. *foliis purpureis*.

Var. *foliis variegatis*.

Var. *fructu albo*.

Var. *fructu nigro*.

Var. *rufocincta*, Hort.

The following are slight forms of *B. vulgaris*.

B. abortiva, Renault.

B. acida, Gilg.

B. ammannia, Hort. not Mart.

B. alba, Hort.

B. amplexicaulis, Rapp.

B. angustata, Hort.

B. aspera, Hort.

B. aversa, Hort.

B. bacillata, Lami.

B. baccata, P. & T. : Garden 1882. Kew. 264, p. 472.

B. baccata, Tausch.

B. baccata-aspera, Hort.

B. baccata, Hort. not Lami.

B. baccata, Hort.

B. baccata, Lami.

B. baccata, Vahl.

B. baccata, Hort. not Lami.

B. baccata, Hort.

B. baccata, Tausch.

B. vulgaris—cont.

- B. dulcis*, *Schrad.* (not *Sweet*).
- B. dumetorum*, *Gouan.*
- B. edulis*, *Hort.*
- B. elongata*, *Hort.*
- B. emarginata*, *Willd.*
- B. erecta*, *Hort.*
- B. Fendleri*, *Hort.* (not *A. Gray*).
- B. floribunda*, *Hort.* (not *Wall.*).
- B. globularis*, *Hort.*
- B. heterophylla*, *Hort.* (not *Juss.*).
- B. hypoleuca*, *Hort.* (not *Lindl.*).
- B. iberica*, *Hort.* (not *Steven*).
- B. ilicifolia*, *Hort.* (not *Forst.*).
- B. innominata*, *Kielm.*
- B. laxiflora*, *Hort.*
- B. lycioides*, *Hort.*
- B. macracantha*, *Hort.*
- B. macrantha*, *Schrad.*
- B. macrocarpa*, *Hort.*
- B. marginata*, *Hort.* (not *C. Gay*).
- B. maxima*, *Hort.*
- B. microphylla*, *Hort.*
- B. mitis*, *Hort.*
- B. moranensis*, *Hort. Panormit.*
- B. nitens*, *Schrad.*
- B. pangharengensis*, *Hort.*
- B. petiolaris*, *Hort.*
- B. provincialis*, *Hort.*
- B. sanguinolenta*, *Hort.*
- B. spathulata*, *Hort.*
- B. sulcata*, *Hort.*

B. wallichiana, *DC.*; Bot. Mag. t. 4656. Himalaya and China.

B. Jamesoni, *Hort.* (not *Lindl.*).

B. Hookeri, *Hort.*

Var. latifolia, *Hook. f. & Thoms.*

B. Knightii, *Hort. Paris.* (not *O. Koch.*).

B. macrophylla, *Hort.*

Var. microcarpa, *Hook. f. & Thoms.* Khasia Hills.

Var. pallida, *Hook. f. & Thoms.* Bhotan.

***Nandina domestica**, *Thunb.*; Bot. Mag. t. 1109. China and Japan.

Papaveraceae.

***Romneya Coulteri**, *Harvey*; Garden Nov. 1884. California.

Cruciferae.

Alyssum spinosum, *L.* South Europe.

***Vella Pseudocytisus**, *L.*; Bot. Reg. t. 293. Spain. "Cress Rocket."

***V. spinosa**, *Boiss.* Spain.

Cistaceae.

Cistus albidus, *L.*; Sweet Cistineae t. 31. South-west Europe.

C. corbariensis, *Pourr.*; (*C. populifolius* × *salvifolius*). South Europe.

C. cupanianus, *Sweet Cistineae* t. 70.

C. crispus, *L.*; Sweet Cistineae t. 22. Mediterranean Region.

- **C. cyprius*, *Lam.*; Sweet Cistineae t. 39. Cyprus.
- C. Delilei*, *Burnat.* South-west Europe.
C. albido-crispus, *Delile.*
C. crispo-albidus, *Timb.*
- C. florentinus*, *Lam.*; Sweet Cistineae t. 59. (*C. salvi-
folius* × *monspeliensis*.) South-west Europe.
- C. hirsutus*, *Lam.*; Sweet Cistineae t. 19. South-west Europe.
C. albiflorus, *Hort.*
C. laxus, *Ait.*
- C. ladanifero-monspeliensis*, *Lor.* South-west Europe.
C. ladaniferus *var. immaculatus*, *Godr.*
- **C. ladaniferus*, *L.*; Bot. Mag. t. 112. South-west Europe.
- C. laurifolius*, *L.*; Sweet Cistineae t. 52. South-west Europe.
- C. longifolius*, *Lam.*; Sweet Cistineae t. 12. (? *C. populi-
folius* × *monspeliensis*.) South-west Europe.
- C. lusitanicus*, *Hort.* (*C. monspeliensis* × *ladaniferus*.)
- C. monspeliensis*, *L.*; Sweet Cistineae t. 27. Mediterranean Region.
C. affinis, *Guss.*
C. Clusii, *Hort.* (not *Dunal*).
- **C. parviflorus*, *Lam.*; Sweet Cistineae t. 14. Crete, &c
C. complicatus, *Lam.*
- **C. populifolius*, *L.*; Sweet Cistineae t. 23. South-west Europe.
- C. purpureus*, *Lam.*; Bot. Reg. t. 408; Sweet Cistineae t. 17. Levant.

***C. recognitus*, Rouy & Fouc.** (*C. laurifolius* × *monspeliensis*.) S. Europe.

***C. salvifolius*, L.**; Sweet Cistineae t. 54. Mediterranean Region.

•***C. tauricus*, J. & C. Presl.** Crimea.

•***C. vaginatus*, Dryand.**; Bot. Reg. t. 225. Canary Islands.

C. candidissimus, Dunal.

C. symphytifolius, Lam.

Rhodocistus bertholetianus, Spach.

***C. villosus*, L.**; Sweet Cistineae tt. 70, 35; Bot. Mag. t. 43. Mediterranean Region.

C. incanus, L.

Var. ***corsicus*.**

C. corsicus, Soleir.

Var. ***creticus*, Nym.** "Gum Cistus."

C. creticus, L.; Sweet Cistineae t. 112.

C. garganicus, Tenore.

Var. ***rotundifolius*, Willk. & Lange**

C. rotundifolius, Sweet Cistineae t. 75.

Var. ***undulatus*, Willk.**

C. undulatus, Dunal; Sweet Cistineae t. 63.

***Helianthemum alyssoides*, Vent. Choix** t. 29. South-western Europe.

Var. ***cheiranthoides*.**

H. lasianthum, Pers.

Cistus lasianthus, Lam.

•***H. ambiguum*, Pomel.** Algeria.

•***H. canariense*, Pers.** North-west Africa and Canary Islands.

H. glaucum, Sweet Cistineae t. 111 (not Pers.).

H. formosum, *Dunal*; Sweet Cistineae t. 50; Maund Botanist iii. t. 131. Portugal.

H. glaucum, *Pers.* var. *suffruticosum*. Lag. Flor. For. Esp. ii. t. 79/2. Western Mediterranean Region.

H. halimifolium, *Pers.*; Sweet Cistineae t. 4. Mediterranean Region.

H. hirtum, *Mill.* South-west Europe.

H. hispidum, *Dunal*.

H. majoranaefolium, *DC.*

H. italicum, *Pers.* Europe.

Var. *oelandicum*, *DC.*; Sweet Cistineae t. 85.

Cistus oelandicus, *L.*

***H. leptophyllum**, *Dunal*. Spain.

H. Libanotis, *Willd.* Spain, Portugal.

H. rosmarinifolium, *Hort.*

Halimium rosmarinifolium, *Spach.*

H. ocymoides, *Pers.*; Sweet Cistineae tt. 40, 13. Spain, Portugal.

H. algarvense, *Dunal*.

Cistus ocymifolium, *Pourr.*

H. organifolium, *Pers.* Europe.

H. marifolium, *Dunal*.

H. polifolium, *Pers.*; Sweet Cistineae t. 88. Europe.

H. apenninum, *DC.*; Sweet Cistineae t. 62.

Cistus appenninus, *L.*

H. rubellum, *Presl.* Western Mediterranean Region.

H. hymettium, *Boiss. & Heldr.*

H. umbellatum, Mill.; Sweet Cistineae t. 5. Mediter-
ranean Region.

Halimium umbellatum, Spach.

Var. syriacum.

H. syriacum, Boiss.

•**H. velutinum, Pomel.** Algeria.

H. vineale, Pers.; Sweet Cistineae t. 77. Europe, Asia
Minor.

H. canum, Dunal; Sweet Cistineae t. 56.

H. marifolium, DC.

H. piloselloides, Billot.

H. pulchellum, Sweet Cistineae t. 74.

Cistus anglicus, L.

C. marifolius, Sm.

H. vulgare, Gaertn.; Engl. Bot. ed. 3, t. 168. Europe,
"Rock Rose."

Var. crocatum.

H. hyssopifolium crocatum, Sweet Cistineae t. 92.

Var. croceum.

H. croceum, Sweet Cistineae t. 53.

Var. croceum flore pleno.

Var. cupreum.

H. hyssopifolium cupreum, Sweet Cistineae t. 58.

Var. diversifolium multiplex.

H. diversifolium multiplex, Sweet Cistineae t. 98.

Var. hyssopifolium multiplex.

H. hyssopifolium multiplex, Sweet Cistineae t. 72.

Var. mutabile.

H. mutabile roseum, Sweet Cistineae t. 103.

H. vulgare—cont.**Var. rhodanthum.**

H. rhodanthum, *Sweet Cistineae* t. 7.

Var. roseum.

H. rhodanthum roseum, *Hort.*

H. roseum, *Sweet Cistineae* t. 55.

Var. roseum multiplex.

H. roseum multiplex, *Sweet Cistineae* t. 86.

Var. serpyllifolium.

H. serpyllifolium, *Sweet Cistineae* t. 60.

Var. stramineum.

H. stramineum, *Sweet Cistineae* t. 93.

Var. surrejanum.

H. surrejanum, *Mill.*; *Sweet Cistineae* t. 28.

H. rosmarinifolium, *Hort.*

Var. venustum.

H. venustum, *Sweet Cistineae* t. 10.

Violaceae.

Hymenanthera crassifolia, *Hook. f.*; *Gard. Chron.* 1875, iii. 237. f. 42. New Zealand.

Bixaceae.

• *Azara dentata*, *Ruiz & Pav.*; *Bot. Reg.* t. 1788. Chili.

• *A. Gilliesii*, *Hook & Arn.*; *Bot. Mag.* t. 5178. Chili.

Quillaia petiolaris, *D. Don.*

• *A. integrifolia*, *Ruiz & Pav.* Chili.

Var. variegata.

A. microphylla, *Hook. f.* *Gard. Chron.* 1874, i. 81 f. 21. Chili.

Myrtophyllum chilense, *Turcz.*

***Ilesia polycarpa*, Maxim. ; Bot. Mag. t. 6794. China and Japan.**

Flacourtia japonica, Hort.

Polycarpa Maximowiczii, Hort.

***Poliothyrsis sinensis*, Oliv. Hook. Icon. Plant. t. 1885. China.**

Pittosporaceae.

•***Pittosporum crassifolium*, Soland. ; Bot. Mag. t. 5978. New Zealand. "Kars."**

P. Ralphii, T. Kirk.

•***P. tenuifolium*, Banks & Soland. ; Kirk Forest Flora t. 46. New Zealand.**

•***P. Tobira*, Ait. ; Bot. Mag. t. 1396. China and Japan.**

P. chinense, Donn.

•***P. undulatum*, Vent. ; Bot. Reg. t. 16. Australia.**

•***Bursaria spinosa*, Cav. ; Bot. Mag. t. 1767. Australia.**

Azara lanceolata, Hort.

Itea spinosa, Andr. Bot. Rep. v. t. 314.

Polygalaceae.

***Polygala Chamaebuxus*, L. ; Bot. Mag. t. 316. Alps.**

Chamaebuxus alpestris, Spach.

Var. *purpurea*.

Frankeniaceae.

***Frankenia laevis*, L. ; Engl. Bot. ed. 3, t. 190. Europe. "Sea-Heath."**

Tamaricaceae.

***Tamarix anglica*, Webb. Sea shores of Western Europe. "Tamarisk."**

T. chinensis, Lour. China and Japan.

T. gallica var. *chinensis*, *Ehrehb.*

T. japonica, *Hort.*

T. plumosa, *Hort.*

T. gallica, L. Mediterranean region.

T. hispida, Willd. var. *kashgarica*. Gard. Chron 1897, xxii. 337, f. Western Asia.

T. hispida, *Willd.*; Rev. Hort. 1894, 352, pl.

T. kashgarica, *Hort.*

T. Pallasii, Desv. Eastern Europe to Afghanistan.

T. caspica, *Hort.* (in part).

T. gallica, *Hort.* (not *L.*).

T. odessana, *Hort.*

Var. *macrostemon*, *Bunge.*

Var. *moldavica*, *Bunge.*

T. indica, *Hort.* (in part).

Var. *rosea*.

T. hispida var. *aestivalis*, Rev. Hort. 1901, 379, f. 158.

T. tetrandra, Pall. Mediterranean region, Eastern Europe, &c.

T. africana, *Bory & Chaub.* (not *L.*).

T. algeriensis, *Hort.*

T. caspica, *Hort.* (in part).

T. chinensis, *Hort.* (not *Lour.*).

T. parviflora, *Hort.* (not *DC.*).

Myricaria germanica, Desv. Europe, &c.

M. dahurica, *Hort.*

Tamarix germanica, *L.*; Flora Danica ii. t. 234.

Hypericoaceae.

Ascyrum hypericoides, *L.* ; Britt. & Br. Illustr. Fl. ii. 428, f.
United States, &c. "St. Andrew's Cross."

A. Crux-andrea, *L.*

Hypericum adpressum, *Barton*. Eastern United States.

H. fastigiatum, *Ell.*

•**H. aegyptiacum**, *L.* ; Bot. Mag. t. 6481. South Mediter-
ranean Region.

H. Androsaemum, *L.* ; Engl. Bot. ed. 3, t. 264. Europe.
"Tutsan."

H. arborescens, *Hort.*

H. caprifolium, *Hort.* (not *Boiss.*).

H. glandulosum, *Hort.* (not *Ait.*).

H. webbiana, *Hort.* (not *Spach*).

Androsaemum officinale, *L.*

Var. *aureum*, *Hort.*

H. hircinum aureum, *Hort.*

H. Ascyron, *L.* ; Gartenflora t. 1381. Northern Asia, North
America.

H. ascyroides, *Willd.*

H. macrocarpum, *Michx.*

H. pyramidatum, *Ait.*

H. aureum, *Bartr.* ; Garden and Forest 1889, ii. 184, f. 103.
South United States.

H. amoenum, *Pursh.*

H. frondosum, *Michx.*

H. rugelianum, *Kunze.*

•**H. balearicum**, *L.* ; Bot. Mag. t. 137. Mediterranean
Region.

H. Buckleii, *M. A. Curtis*. Mountains of North and South Carolina and Georgia.

H. Buckleyi, *S. Wats.*; *Garden and Forest*, 1891, iv. 581, f. 91.

H. calycinum, *L.*; *Bot. Mag.* t. 146. Orient. "Tutsan."
Eremanthe calycina, *Spach*.

•**H. chinense**, *L.*; *Gard. Chron.* 1887, i. 705, f. 135. China and Japan.

H. aureum, *Lour.* (not *Bartr.*).

H. monogynum, *L.*; *Bot. Mag.* t. 334.

H. salicifolium, *Sieb. & Zucc.*

Norysca aurea, *Blume*.

N. chinensis, *Spach*.

•**H. Coris**, *L.*; *Bot. Mag.* t. 6563. Central and Southern Europe.

H. densiflorum, *Pursh.*; *Garden and Forest* 1890, iii. 527, f. 67. North America.

H. fasciculatum, *Hort.* (not *Lam.*).

H. galioides, *Pursh* (not *Lam.*).

H. prolificum *var. densiflorum*, *A. Gray*.

H. elatum, *Ait.*; *Engl. Bot.* ed. 3, t. 265. Canaries.

H. glandulosum, *Hort.*

H. grandifolium, *Choisy*.

H. hircinum, *Hort.* (not *L.*).

H. multiflorum, *Hort.* (not *H.B.K.*).

H. platyphyllum, *Hort.*

Androsaemum foliosum, *Ait.*

A. parviflorum, *Spach*.

A. pyramidale, *Spach*.

A. webbianum, *Spach*.

•*H. empetrifolium*, *Willd.*; Bot. Mag. t. 6764. Greece, &c.

H. multicaule, *Lam.*

H. Coris, *Sibth.* Fl. Graeca t. 777 (not *L.*)

H. erectum, *Thunb.* Japan.

H. galioides, *Lam.*; Gard. and Forest 1897, 433, f. 55.
South-eastern United States.

H. axillare, *Lam.* (not *Michx.*).

H. hircinum, *L.*; Engl. Bot. ed. 3, t. 266. Europe, &c.

H. anglicum, *Hort.* (not *Bertol.*).

H. chinense, *Hort.* (not *L.*).

H. hookerianum, *Wight & Arn.* Himalaya.

H. oblongifolium, *Choisy*; Bot. Mag. t. 4949.

•Var. *Leschenaultii*, *Dyer.* Sikkim, Nepaul, Java.

H. Leschenaultii, *Choisy.*

H. triflorum, *Blume.*

H. inodorum, *Mill.* Orient.

H. ramosissimum, *Ledeb.*

Androsaemum xylosteifolium, *Jaub. & Spach* Illustr.
Plant. Or. t. 38.

H. kalmianum, *L.*; Garden and Forest 1890, 113. North
America.

H. lobocarpum, *Gatting*; Garden and Forest 1897, 453.
South United States.

H. moserianum, *Rev. Hort.* 1889, 464. (calycinum ×
patulum.) Garden origin.

H. nudiflorum, *Michx.* Southern United States.

H. cistifolium, *Coulter* (not *Lam.*).

H. patulum, *Thunb.*; Bot. Mag. t. 5693. India, China, &c.

H. Gumbletoni, *Hort. Segrez.*

H. oudinense, *Hort.*

H. prolificum, *L.*; Loud. Arb. i. 401, v. 2541, f.; Garden and Forest 1890, 526. North America.

H. kalmianum, *Hort.* (not *L.*).

H. foliosum, *Jacq.*

Myriandra prolifica, *Spach.*

H. uralum, *D. Don.*; Bot. Mag. t. 2375. Himalaya.

H. nepalense, *Hort.*

Ternstroemiaceae.

• **Oleyera ochnacea**, *DC.* Himalaya, China, and Japan.

C. japonica, *Sieb. & Zucc.* Fl. Jap. 153, t. 81 (not *Thunb.*).

• **Var. variegata.**

• **C. Fortunei**, *Hook. f.* Bot. Mag. t. 7434.

C. japonica foliis variegatis, *Hort.*

Eurya latifolia variegata, *Hort.*

Eurya japonica, *Thunb.*; Fl. Jap. 191, t. 25. India, China, and Japan.

• **Actinidia arguta**, *Planch.* Japan.

Trochostigma arguta, *Sieb. & Zucc.*

• **A. callosa**, *Lindl.* Amur, China, and Japan.

A. chinensis, *Planch.*; Hook. Icon. Plant. t. 1593. China.

• **A. Kolomikta**, *Rupr.*; Rev. Hort. 1872, 395, f. 43. Amur, China and Japan.

Kolomikta mandschurica, *Regel.*

• **A. polygama**, *Sieb. & Zucc.*; Tokio Hort. Bot. ii. t. 20. Japan.

Trochostigma polygama, *Sieb. & Zucc.*

- Camellia Thea**, *Link.* Assam, &c.
C. theifera, *Griff.*
Thea assamica, *Mast.*
T. chinensis, *Sims* Bot. Mag. t. 998.

Malvaceae.

- Lavatera arborea**, *L.*; Eng. Bot. ed. 3, t. 279. Europe, &c.
 "Tree Mallow."
- Plagianthus Lyalli**, *Hook. f.*; Bot. Mag. t. 5935. New Zealand. "Whau-whi."
- P. betulinus**, *A. Cunn.* New Zealand.
- P. Lampeni**, *Booth*; Gard. Chron. 1884, xxii. 200, f. 39. Tasmania.
P. pulchellus *A. Gray* var. *tomentosa*.
- P. pulchellus**, *A. Gray.* Australia.
- Abutilon vitifolium**, *DC.*; Bot. Reg. xxx. t. 57. Chili.
- A. megapotamicum**, *St. Hil.*; Flore des Serres t. 1599. Brazil, &c.
A. vexillarium, *Morr.*; Bot. Mag. t. 5717.
- Hibiscus syriacus**, *L.*; Bot. Mag. t. 83. Orient.
Althaea Frutex, *Hort.*
 Many garden varieties.

Sterculiaceae.

- Sterculia platanifolia**, *L.* China and Japan.
S. tomentosa, *Thumb.*; Icon. Plant. Japan. decas iv. t. 8.
S. Mariesii, *Hort.*
- Fremontia californica**, *Torr.*; Bot. Mag. t. 5591; Sargent Silva of North America t. 23. California.

Tiliaceae.

Grewia parviflora, *Bunge*; *Gartenfl.* 1889, 601, f. 88.
China.

Tilia americana, *L.*; *Loud. Arbor.* i. 373, t. 22; *Sargent Silva of North America* tt. 24, 25. North America.
"Basswood."

T. canadensis, *Michx.*

T. caroliniana, *Mill.*

T. glabra, *Vent.*

T. latifolia, *Salisb.*

T. longifolia dentata, *Hort.*

T. mississippiensis, *Hort.*

T. neglecta, *Spach.*

T. nigra, *Borkh.*

T. pubescens, *Nouv. Duhamel* (not *Ait.*).

T. argentea, *Desf.*; *Reichb. Fl. Germ.* 6, 324. East Europe.
"White Lime."

T. alba, *Hort.* in part (not *Ait.*)

T. americana pubescens, *Hort.*

T. europaea alba, *Hort.*

T. heterophylla, *Hort.* in part (not *Vent.*)

T. pubescens *Parmentieri*, *Hort.*

T. rotundifolia, *Vent.*

T. tomentosa, *Moench.*

T. cordata, *Mill.* Europe, North Asia.

T. microphylla, *Vent.*

T. parvifolia *Ehrh.*; *Engl. Bot.* ed. 3, t. 287.

T. sylvestris, *Desf.*

T. ulmifolia, *Scop.*; *Garden and Forest* 1889, 257,
f. 111.

Var. japonica.

T. platyphyllos, *Scop.*; Garden and Forest 1889, 256, f. 109. Europe.

T. cordifolia, *Bess.*

T. europaea, *L.* (in part).

T. grandifolia, *Ehrh.*

T. mollis, *Spach.*

T. mutabilis, *Host.*

T. neglecta, *Hort.* (not *Spach.*).

T. pauciflora, *Hayne.*

Var. aspleniifolia.

T. laciniata, *Hort.*

T. grandifolia laciniata, *Hort.*

Var. aurantia.

T. europaea aurantia, *Hort.*

T. europaea aurea, *Hort.*

Var. corallina, *Ait.*

T. corallina, *Sm.*

T. spectabilis, *Host.*

Var. filicifolia nova, *Hort.*

Var. obliqua.

T. Beaumontii, *Hort.*

T. Hostii, *Ortm.*

T. obliqua, *Host.*

Var. oxycarpa.

T. cordifolia var. oxycarpa, *Reichb.*

T. europaea glauca, *Hort.*

Var. pyramidalis, *Hort.*

Var. pyramidalis aurea, *Hort.*

Var. sphaerocarpa.

T. cordifolia var. sphaerocarpa, *Reichb.*

T. platyphyllos—cont.

Var. *tortuosa*, *Bean*.

Var. *vitifolia*.

T. vitifolia, *Host*.

T. grandifolia var. *vitifolia*, *Kuntze*.

T. pubescens, *Ait.* ; Sargent Silva of North America t. 26.
East United States.

T. americana, *Walt.* (not *L.*).

T. americana var. *pubescens*, *Loud.*

T. americana var. *Walteri*, *Wood.*

T. grata, *Salisb.*

T. hybrida *superba*, *Hort.*

T. laxiflora, *Michx.*

T. truncata, *Spach.*

T. spectabilis, *Dippel.* (*petiolaris* × *americana*). Garden
origin.

T. blechiana, *Arbor. Zoesch.*

T. alba spectabilis, *Hort.*

T. sublanata, *Simk.* var. *variegata.* (*T. platyphyllos* ×
superulmifolia.) East Europe.

T. europaea, *Hort.*

T. vulgaris, *Hayne* ; Garden and Forest 1889, ii. 256, f. 110.
Europe. "Common Lime."

T. corylifolia, *Host.*

T. europaea, *L.* (in part).

T. glauca, *Hort.*

T. hollandica, *Mill.*

T. intermedia, *Ehrh.*

T. hybrida, *Bechst.*

Var. caucasica.

T. intermedia var. *caucasica.*

T. parvifolio-grandifolia. *Bayer.*

**Aristotelia Macqui*, *L'Hérit.* ; Gard. Chron. 1875, iv. 773.
Chili.

Var. *variegata*.

**A. racemosa*, *Hook. f.* ; Kirk Forest Flora of New Zealand t. 113. New Zealand. "Makomako."

Linaceae.

Linum arboreum, *L.* ; Bot. Mag. t. 234. Greece, &c.
"Tree Flax."

Rutaceae.

Ruta graveolens, *L.* ; Benth. & Trim. Med. Pl. t. 44. South Europe, &c. "Common Rue."

Var. *variegata*.

Choisya ternata, *H.B.K.* ; Gard. Chron. 1890, vii. 465, Mexico.

C. grandiflora, *Regel Gartenfl.* t. 876.

**Zanthoxylum ailanthoides*, *Sieb. & Zucc.* Japan and Formosa.

**Z. alatum*, *Roxb.* India.

Z. americanum, *Mill.* ; Britt. & Br. Illust. Fl. ii. 353, f. United States. "Prickly Ash, Toothache Tree."

Z. fraxineum, *Willd.* ; Loud. Arbor. i. 488, f. 158.

Z. fraxinifolium, *Marsh.* (not *Walt.*).

Z. ramiflorum, *Michx.*

Z. Bungei, *Planch.* China.

Z. piperitum, *DC.* China and Japan.

Z. planispinum, *Sieb. & Zucc.* Japan.

Z. schinifolium, *Sieb. & Zucc.* Japan.

Phellodendron amurense, *Rupr.* Amurland, &c.

Zanthoxylum piperitum, *Hort.* (not *Sieb. & Zucc.*).

P. japonicum, *Maxim.* Japan.

Ptelea Baldwinii, *Torr. & Gray.* Northern California, &c.

P. angustifolia, *Benth.*

P. trifoliata, *L.*; *Gard. Chron.* 1880, xiii. 369, f. 67;
Sargent Silva of North America tt. 33, 34. United
States. "Hop Tree."

Var. *aurea*.

Var. *fastigiata*.

Var. *glauca*.

Var. *heterophylla*.

Var. *mollis*.

P. mollis, *Curt.*

Skimmia Fortunei, *Mast.* China.

S. japonica, *Hort.*; *Bot. Mag.* t. 4719 (not *Thunb.*).

S. rubella, *Carr.*

S. japonica, *Thunb.*; *Gard. Chron.* 1889, v. 521, f. 89; 524,
f. 90. Japan.

S. oblata, *Moore.*

Var. *obovata*.

Var. *variegata*.

Seedling varieties or sexual forms of this are :—

S. fragrans, *Carr.*

S. fragrantissima, *Hort.*

S. Foremani, *Hort.*; *Gard. Chron.* 1889, v. 553, f. 94.

S. intermedia, *Carr.*

S. oblata var. *ovata*, *Carr.*

S. japonica—cont.

S. oblata var. *speciosa*, *Hort.*

S. oblata var. *Veitchii*, *Carr.*

S. Rogersii, *Hort.*

S. Laureola, Hook. f. Himalaya.

S. aromatica, *Hort.*

Laureola fragrans, *Roem.*

Limonia Laureola, *Wall.*

***Ægle sepiaria*, DC. China and Japan.**

Citrus trifolia, *Thunb.*

C. trifoliata, *L.* ; *Bot. Mag.* t. 6513.

Limonia trifoliata, *Hort.*

Pseudaegle sepiaria, *Miq.*

Triphasia trifoliata, *Hort.*

Simarubaceae.

***Ailanthus glandulosa*, Desf.; Gard. Chron. 1887, ii. 365,
f. 76. China. "Tree of Heaven."**

A. japonica, *Hort.*

A. macrophylla, *Hort.*

A. purpurascens, *Hort.*

A. rubra, *Hort.*

Var. *pendula*.

****Onoclea sensibilis*, L. Mediterranean Region.**

****Pteris aquilina*, Benn. Himalaya, China and Japan.**

P. ailantoides, *Planch.*

Meliaceae.

Cedrela sinensis, *A. Juss.* ; Rev. Hort. 1891, 573, ff. 150-2.
China and Japan.

Ailanthus flavescens, *Carr.*

Cedrela chinensis, *Karel.*

Toona sinensis, *Roem.*

Aquifoliaceae.

Ilex ambigua, *Chapm.* ; Loud. Arbor. ii. 521, f. 190. South
United States.

Cassine caroliniana, *Walt.*

Nemopanthus ambiguus, *Wood.*

Prinos ambiguus, *Michx.*

I. Amelanchier, *Curtis* ; Garden and Forest 1889, 41, f. 88.
South United States.

Prinos lanceolata, *Pursh.*

I. Aquifolium, *L.* ; Engl. Bot. ed. 3, t. 316. Europe,
Western Asia. "Common Holly."

Aquifolium spinosum, *Gaertn.*

Var. albo-lineata.

Var. altaclarensis.

Var. angustifolia. Gard. Chron. 1874, ii. 751, f. 154.

myrtifolia stricta.

serratifolia.

Var. angustifolia variegata.

Var. argentea longifolia.

Var. argentea marginata.

albo-marginata.

argentea lato-marginata.

variegata argentea.

I. Aquifolium—*cont.*

Var. argentea medio-picta. Gard. Chron. 1875, iv. 688,
f. 142. "Silver Milkmaid."

albo-picta.

Var. argentea pendula. "Perry's Weeping."

albo-marginata pendula.

pendula argentea purpurea.

pendula variegata.

Var. argentea regina. Gard. Chron. 1875, iv. 687, f. 141.
"Silver Queen."

Var. atrovirens.

maderensis atrovirens.

Var. aurea angustifolia. Gard. Chron. 1876, v. 44, f. 6.

angustifolia aurea marginata.

Var. aurea marginata.

marginata aurea.

Var. aurea marginata bromeliaefolia. Gard. Chron. 1876,
v. 437, f. 84.

bromeliaefolia aureo-marginata.

Var. aurea medio-picta. Gard. Chron. 1876, v. 336, f. 68
69. "Gold Milkmaid."

aureo-picta.

Var. aurea pendula. "Waterer's Gold Weeping."

pendula aurea variegata.

Var. aurea regina. Gard. Chron. 1876, v. 44, f. 8.
"Golden Queen."

Var. aurea vestita.

Var. balearica.

Var. calamistrata.

I. Aquifolium—cont.

Var. camelliaefolia. Gard. Chron. 1874, ii. 812, f. 164, b.
laurifolia longifolia.

Var. ciliata. Gard. Chron. 1874, ii. 752, f. 153.

Var. ciliata major. Gard. Chron. 1874, ii. 752, f. 151.

Var. Cookii.

Var. crassifolia. Gard. Chron. 1874, ii. 752, f. 152.
serrata.

Var. crispa.

Var. crispa picta.

Var. donningtonensis. Gard. Chron. 1874, ii. 687, f. 138.
 (2, 3).

Var. elliptica.

flammea angustifolia.

Var. ferox. "Hedgehog Holly."
echinata.

Var. ferox argentea. Gard. Chron. 1876, v. 43, f. 9.
ferox argentea variegata.

Var. ferox aurea. Gard. Chron. 1876, v. 616, f. 117.
ferox aurea picta.
ferox foliis aureis.

Var. Fisheri.

Var. flavescens. "Moonlight."

Var. Foxii. Gard. Chron. 1874, ii. 752, f. 150.

Var. fructu-luteo.
flava.

Var. handsworthensis. Gard. Chron. 1875, iv. 741.
 f. 150. "Handsworth New Silver."
argentea longifolia.
handsworthensis argentea variegata.

I. Aquifolium—*cont.*

Var. Hendersoni. Gard. Chron. 1874, ii. 752, f. 148. .

Var. heterophylla. Gard. Chron. 1874, ii. 520, f. 105, 2.
 heterophylla major.
 Aquifolium *forma* kewensis, *Loesener*.

Var. Hodginsii.
 Shepherdii.

Var. integrifolia. Gard. Chron. 1874, ii. 812, f. 164, e.
 rotundifolia.
 senescens.

Var. latifolia aureo-marginata.

Var. latispina. Gard. Chron. 1874, ii. 812, f. 164, f.

Var. latispina major.

Var. latispina minor.

Var. lawsoniana. Gard. Chron. 1876, v. 624, f. 110.
 lawsoniana variegata.

Var. lawsoniana aureo-picta.

Var. lutescens.

Var. maderensis atrovirens.

Var. maderensis variegata.

Var. marginata, Loud.; Gard. Chron. 1874, ii. 812,
 f. 164, g.
 contorta.

Var. Marnockii.

Var. monstrosa.

Var. Mundyi.

Var. myrtifolia. Gard. Chron. 1874, ii. 687, f. 138, 4.

I. Aquifolium—cont.

Var. myrtiflora aurea.

Var. nigrescens.

Var. nobilis. Gard. Chron. 1874, ii. 432, f. 89.

Urquharti.

Var. obscura.

Var. ovata. Gard. Chron. ii. 1874, ii. 752, f. 149.

Var. pendula.

Var. pendula tricolor.

Var. platyphylla.

I. Perado, Webb. & Berth. (not Ait.).

Var. recurva. Gard. Chron. 1874, ii. 687, f. 138, 6.

serratifolia compacta.

tortuosa.

Var. scotica. Gard. Chron. 1874, ii. 812, f. 164, a.

I. Dahoon, Hort. (not Walt.).

Var. scotica aurea.

Var. smithiana. Gard. Chron. 1874, ii. 520, f. 106.

Var. tortuosa.

Var. watereriana. Gard. Chron. 1874, ii. 232, f. 49.

aurea pumila.

compacta aurea.

nana aurea.

nana aurea variegata.

Var. whittingtonensis. Gard. Chron. 1874. ii. 681,
f. 133, 1.

Var. Wilsonii.

I. Cassina, Walt. South United States. "Cassena."*I. florida, Lam.**I. ligustrina, Jacq.**I. religiosa, Bartr.**I. vomitoria, Ait.**Cassine caroliniana, Lam.**C. Peragua, L.***I. cornuta, Lindl. & Paxt.;** Bot. Mag. t. 5059. China.*I. furcata, Hort.***I. crenata, Thunb.** Japan.**Var. major.***Ilex Fortunei, Hort.* (not *Lindl.*).**Var. Mariesii.***Iris Mariesii, Hort. Veitch.***Var. variegata.*****I. Dahoon, Walt.;** Loud. Arbor. ii. 517, f. 184. South United States.*I. cassinoides, Link.**I. laurifolia, Nutt.***I. decidua, Walt.;** Gard. Chron. 1880, xiv. 689; f. 129. Sargent Silva of North America t. 49. South United States.*I. aestivalis, Lam.**I. prinoides, Ait.;* Wats. Dendr. Brit. ii. t. 115.*Prinos deciduus, DC.***I. dipyrrena, Wall.;** Brandis Forest Flora t. 15. Himalaya. "Himalayan Holly."**I. glabra, A. Gray;** Britt. & Br. Illustr. Fl. ii. 391, Eastern United States. "Inkberry."*Prinos glaber, L.;* Lodd. Bot. Cab. t. 450.



I. integra, Thunb. China and Japan.

I. Aquifolium Bessoni, *Hort.*

I. integrifolia, *Hort.*

Othera japonica, *Hort.*

I. laevigata, A. Gray; Garden and Forest 1891, 221.
Eastern United States.

Prinos laevigatus, *Pursh*; Wats. Dendr. Brit. i. t. 28.

I. latifolia, Thunb.; Bot. Mag. t. 5597. Japan. "Toraia."

I. magnoliaefolia, *Hort.*

I. Tarajo, *Hort.*

I. macropoda, Miq. Japan.

I. opaca, Ait.; Sargent Silva of North America t. 45;
Wats. Dendr. Brit. i. t. 3. Eastern United States.
"American Holly."

I. canadensis, *Marsh.* (not *Hort.*).

I. laxiflora, *Lam.*

I. quercifolia, *Meerb.*

I. podunculosa, Miq. Japan.

***I. Perado, Ait.**; Lodd. Bot. Cab. t. 549. Azores.

I. Pernyi, Franch.; Hook. Icon. Plant. t. 1539. China.

I. rugosa, F. Schmidt Reisen im Amurlande, 122, t. 3,
N.E. Asia.

I. Sieboldi, Miq. Japan.

Var. fructu albo.

I. verticillata, A. Gray. North America. "Black Alder,
Winterberry."

Prinos canadensis, *Hort.*

P. confertus, *Moench.*

P. Gronovii, *Michx.*

I. verticillata—cont.

P. padifolius, *Hort.*

P. prunifolius, *Hort.*

P. verticillatus, *L.* ; *Wats. Dendr. Brit. i. t. 30.*

Var. chrysocarpa, *Robinson.*

Nemopanthus canadensis, *DC.* Canada, &c. "Mountain Holly."

Ilex canadensis, *Michx.*

I. delicatula, *Bartr.*

Ilicioides mucronata, *Britton* ; *Britt. & Br. Illustr. Fl. ii. 393, f.*

Prinos integrifolius, *Elliott.*

Cyrillaceae.

Cyrilla racemiflora, *L.* ; *Sargent Silva of North America. t. 51. South United States. "Leatherwood."*

C. caroliniana, *Michx.*

C. racemosa, *Loud.*

Andromeda plumata, *Bartr.*

Itea Cyrilla, *Sw.*

• **Cliftonia ligustrina**, *Banks.* Florida and Georgia. "Titi."

Mylocarpum ligustrinum, *Willd.* ; *Bot. Mag. t. 1625.*

Celastraceae.

Euonymus alatus, *Thunb.* ; *Regel Fl. Ussur. t. 7, f. 1-4. Japan, &c.*

E. americanus, *L.* ; *Nouv. Duhamel iii. t. 9. United States. "Strawberry Bush."*

Var angustifolius.

Var. pendulus.

E. atropurpureus, *Jacq.* ; Sargent Silva of North America
t. 53. Eastern North America. " Burning Bush."

E. americanus, *Hort.* (not *L.*).

E. macrocarpus, *Hort.*

E. bungeanus, *Maxim.* China.

E. micranthus, *Bunge.*

E. europaeus, *L.* ; Eng. Bot. ed. 3, t 317. Europe, Western
Siberia. " Spindle-Tree."

E. vulgaris, *Scop.*

Var. *atropurpureus*, *Hort.*

E. purpureus, *Hort.*

Var. *aucubaefolius*, *Hort.*

Var. *foliis argenteo-variegatis*.

Var. *foliis aureo-variegatis*.

Var. *fructu albo*.

Var. *fructu violaceo*.

Var. *ovatus*.

Var. *pallidus*.

E. hamiltonianus, *Wall.* Japan, &c.

E. japonicus, *Thunb.* China and Japan.

Var. *albo-marginatus*.

Var. *aureus*.

Var. *latifolius albo-variegatus*.

Var. *macrophyllus*.

E. robustus, *Hort.*

Var. *microphyllus*, *Hort.*

Eurya microphylla, *Hort.*

Var. *ovatus aureus*.

Var. *pulchellus foliis argenteis*.

E. latifolius, *Scop.*; Bot. Mag. t. 2384. Europe, Asia.

E. Maackii, *Rupr.* Amurland.

E. macropterus, *Rupr.* Maxim. Flora Tangutica t. 19, f. 11.
Amurland.

E. nanus, *Bieb.* Caucasus, &c.

E. americanus angustifolius, *Hort.*

E. angustifolius, *Hort.* (not *Pursh*).

E. angustifolius pulchellus, *Hort.*

E. Lilieurii, *Hort.*

E. linifolius, *Hort.*

E. rosmarinifolius, *Hort.*

Var. compactus, *Hort.*

Var. Koopmanni.

E. Koopmanni, *Lauche*; Wittmack Garten-Zeitung
1883, 112, t. [3], f. 2.

Var. variegatus, *Hort.*

E. obovatus, *Nutt.*; Garden and Forest 1896, 385, f. 51.
Canada, Northern and Central United States.

E. americanus var. obovatus, *Torr. & Gray.*

E. oxyphyllus, *Miq.* China and Japan.

E. latifolius, *A. Gray* (not *Scop.*).

***E. pendulus**, *Wall.* Himalaya.

E. fimbriatus, *Hort.* (not *Wall.*); Flore des Serres vii.
1851, 71.

E. radicans, *Sieb. & Zucc.* Japan.

Var. Carrièrei.

E. Carrièrei, *Vauvel.* Rev. Hort. 1885, 295. (**E. repens**,
Carr. Rev. Hort. 1885, 295, is a branch sport of
this form.)

E. radicans—cont.

Var. *foliis pictis*.

Var. *foliis roseo-argenteis*.

Var. *foliis tricoloribus*.

Var. *microphyllus*.

Var. *Silver Gem*.

Var. *viridis*.

E. sieboldianus, *Blume*. China and Japan.

E. thunbergianus, *Blume*. Amurland, Japan, &c.

E. subtriflorus, *Blume*.

E. verrucosus, *Scop.*; *Nouv. Duhamel* iii. t. 8. East Europe to Amurland.

Pachystima Canbyi, *A. Gray*; *Meehan The Native Flowers . . . of the United States* i. t. 44. North Carolina and Virginia.

P. Myrsinites, *Rafin.* Western North America.

Myginda myrtifolia, *Nutt.*; *Hook. Flora Boreali-Americana* i. 120, t. 41.

Celastrus articulatus, *Thunb.*; *Garden and Forest* 1890, 551, f. 73. China and Japan.

C. orbiculatus, *Lam.*

C. Oriza, *Hort.* (not *Sieb. & Zucc.*).

C. punctatus, *Thunb.*

C. hypoglauca, *Hemsl.* Central China.

C. latifolius, *Hemsl.* Central China.

C. Oriza, *Sieb. & Zucc.* Japan.

Celastrus japonica, *C. Koch.*

Evodia ramiflora, *A. Gray.*

Oriza japonica, *Thunb.*; *Gartenflora* t. 1232.

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440

C. scandens, *L.*; Loud. Arbor. ii. 502, f. 171. North America. "Staff-tree, Wax-work."

C. bullatus, *L.*

C. serratus, *Hochst.* Abyssinia.

Maytenus chilensis, *DC.* Chili.

Rhamnaceae.

Paliurus australis, *Gaertn.* South Europe. "Christ's Thorn."

P. aculeatus, *Lam.*; Nouv. Duhamel iii. 17.

Zizyphus vulgaris, *L.*; Sibth. Fl. Graeca t. 241. South-eastern Europe to Afghanistan. "Jujube."

Berchemia racemosa, *Sieb. & Zucc.* Japan.

Var. variegata.

B. volubilis, *DC*; Loud. Arbor. ii. 528, f. 196. Southern United States. "Supple-Jack."

Rhamnus scandens, *Hill.*

R. volubilis, *L. f.*

Rhamnus Alaternus, *L.*; Nouv. Duhamel ii. t. 14. South West Europe.

Var. angustifolia.

R. angustifolia, *Mill.*

R. Clusii, *Willd.*

R. Perrieri, *Hort.*

R. utilis, *Hort.* (not *Decne.*).

Var. aurea.

Var. angustifolia variegata.

Var. latifolia.

Var. maculata.

Var. variegata.

R. alnifolia, *L'Hérit.*; Loud. Arbor. ii. 536, f. 206. United States.

R. franguloides, *Michx.*

R. alpina, *L.*; Lodd. Bot. Cab. t. 1077. Alps.

R. arguta, *Maxim.* China and Japan.

R. californica, *Eschsch.* California. "Indian Cherry."

Rhamnus intermedia, *Hort.*

R. laurifolia, *Nutt.*

R. oleifolia, *Hook.*; Rev. Hort. 1874, 354, f. 47.

R. pedunculata, *Hort.*

Frangula californica, *A. Gray.*

Var. *hirtella*.

R. carniolica, *Kern.* Carniolia.

R. caroliniana, *Walt.*; Nutt. Sylva ii. 50, t. 59. Southern United States.

R. californica, *Hort.* (not *Eschsch.*).

Frangula caroliniana, *A. Gray.*

R. cathartica, *L.*; Engl. Bot. ed. 3, t. 318. Europe, Asia.
"Common Buckthorn."

R. fragrans, *Hort.*

R. infectoria, *Hort.* (not *L.*).

R. Pallasii, *Hort.* (not *Fisch. & Mey.*).

R. Wicklii, *Hort.*

R. costata, *Maxim.* Japan.

R. crenata, *Sieb. & Zucc.* Japan.

R. oreigenes, *Hance.*

Frangula crenata, *Miq.*

R. davurica, *Pall.* Siberia to China.

R. baptica, Decne.

R. crenata, Garden and Forest ix. 425, f. (not *Sieb. & Zucc.*).

R. utilis, Decne.

R. virgata, Roxb.

R. Erythroxylon, *Pall.* Caucasus, &c.

R. Frangula, *L.* ; Engl. Bot. ed. 3, t. 319. Europe. "Berry-bearing Alder."

R. latifolia, Hort. (not *L'Hérit.*).

Var. *angustifolia*.

R. franguloides, Hort. (not *Michx.*).

Var. *asplenifolia, Hort.*

Var. *latifolia*.

R. sibirica, Hort.

R. hybrida, *L'Hérit.* (*R. Alaternus* ♂ × *alpina* ♀). Europe.

R. sempervirens, Hort.

R. subsempervirens, Hort.

Var. *Billardi, Lavall.*

R. Billardi, Hort.

R. ovalifolia, Hort.

R. infectoria, *L.* ; Tchichat. Asie Mineure t. 9. South Europe, &c. "Avignon Berry."

R. oleoides, Hort. (not *L.*).

R. prunifolia, Hort. (not *Sieb.*).

R. japonica, *Maxim.* Japan.

R. lanceolata, *Pursh* ; Gray Genera ii. 180, f. 168. North America.

- R. libanotica**, *Boiss.*; Bot. Mag. t. 6721. Asia Minor and Syria.
 R. alpina var. *colchica*, *Kusnetzoff*.
 R. castaneifolia, *Hort*.
 R. grandifolia, *Hort*. (not *Fisch. & Mey.*).
 R. Imeritiae, *Hort*.
 R. imeritina, *Koehne*.
- R. oleoides**, *L.* South-west Europe.
 R. amygdaloides, *DC.* (in part.)
- R. parvifolia**, *Bunge*. China.
- R. pumila**, *Turr.* Mountains of Central, South and Eastern Europe.
 R. pusilla, *Tenore*.
 R. rupestris, *Vill.* (not *Scop.*).
- R. punctata**, *Boiss.* Asia Minor, &c.
- R. purpurea**, *Edgew.* Western Himalaya.
- R. purshiana**, *DC.*; Loud. Arbor. ii. 538, f. 211. California. "Cascara Sagrada."
 Frangula purshiana, *Cooper*.
 Rhamnus rubra, *Greene*.
- R. rupestris**, *Scop.* Flora Carniolica i. t. 5. South-eastern Europe.
- R. saxatilis**, *L.*; Jacq. Fl. Austr. i. t. 53. Europe, &c.
- R. spathulifolia**, *Fisch. & Mey.* Caucasus.
- R. tinctoria**, *Waldst. & Kit.* Europe, Asia.
 R. chlorophorus, *Decne*.
 R. globosus, *Bunge*.
- Hovenia dulcis**, *Thunb.*; Bot. Mag. t. 2360. Himalaya, China, &c.

Ceanothus americanus, L. ; Bot. Mag. t. 1479. Eastern United States. "New Jersey Tea."

C. intermedius, Pursh.

Var. nanus roseus.

Var. opacus, Lange.

C. Arnoldi, Hort. Garden hybrid.

C. azureus, Desf. Mexico.

C. latifolius, Hort.

C. cuneatus, Nutt. Oregon to Lower California.

C. verrucosus, Nutt. ; Bot. Mag. t. 4660.

C. delilianus, Spach. Origin uncertain.

***C. divaricatus, Nutt. California.**

C. Fendleri, A. Gray. Colorado, New Mexico, Arizona.

***C. hirsutus, Nutt. Coast Range of Central California.**

***C. integerrimus, Hook. & Arn. ; Bot. Mag. t. 7640. California.**

C. californicus, Kellogg.

C. nevadensis, Kellogg.

***C. macrocarpus, Nutt. California.**

***C. microphyllus, Michx. Florida.**

C. ovatus, Desf. Canada to Texas.

***C. papillosus, Torr. & Gray ; Bot. Mag. t. 4815. California.**

***C. parvifolius, Trelease. California to Oregon.**

C. integerrimus var. parvifolius, S. Wats.

***C. rigidus, Nutt. ; Bot. Mag. t. 4664. California.**

**C. sorediatus*, *Hook & Arn.* Coast Range of Southern California.

**C. spinosus*, *Nutt.* Middle Coast Range, California.

**C. thyrsiflorus*, *Eschsch.*; *Bot. Reg.* 30, t. 38. Sargent Silva of North America t. 64. California. "California Lilac."

C. elegans, *Lem.*

C. radicans superba, *Hort.*

**C. veitchianus*, *Hook.* *Bot. Mag.* t. 5127. California.

**C. velutinus*, *Dougl.*; *Hook. Fl. Bor. Am.* i. 125, t. 45. British America to California, Colorado, &c.

Colletia cruciata, *Gill & Hook.*; *Bot. Mag.* t. 5033. Uruguay.

C. armata, *Miers.*

C. bicktonensis, *Lindl. Journ. Hort. Soc.* v. 31.

C. ferox, *Gill.*

C. horrida, *Hort.*

C. polyacantha, *Hort.*

C. spinosa, *Lam.*

C. spinosissima, *Hort.*

C. valdiviana, *Phil.*

**Discaria longispina*, *Miers.* Uruguay.

Colletia longispina, *Hook. & Arn.*

D. serratifolia, *Benth. & Hook. f.*; *Gard. Chron.* 1876, vi. 325, f. 65. Chili, &c.

Colletia Chacaye, *G. Don.*

C. nutans, *Hort.*

C. serratifolia, *Vent.*

**D. Toumatou*, *Raoul*; *Kirk Forest Flora of New Zealand* t. 136. New Zealand. "Wild Irishman."

Ampelidaceae.

Vitis aestivalis, *Michx.*; Loud. Arbor. i. 479, f. 142.
United States. "Summer Grape."

V. intermedia, *Muhl.*

V. labruscoides, *Muhl.*

V. virginiana, *Hort.*

Var. *Linsecomii*, *Munson*. "Pinewood or Turkey Grape."

V. Linsecomii, *Buckl.*

V. amurensis, *Rupr.* Amurland, North China, &c.

V. vinifera var. *amurensis*, *Regel.*

V. pubescens, *Hort.*

V. regeliana, *Hort.*

V. arborea, *L.* South United States.

V. bipinnata, *Torr. & Gray.*

Ampelopsis bipinnata, *Michx.*

Cissus arborea, *Desmoul.*

C. bipinnata, *Nutt.*

V. arizonica, *Engelm.* Arizona. "Cañon Grape."

V. arizonensis, *Hort.*

V. californica, *Hort.*

V. Berlandieri, *Planch.* Texas, &c.

V. monticola, *Engelm.*

V. bicolor, *Leconte.* Eastern United States. "Blue Grape."

V. bourquiniana, *Munson.* South California. "Valley Grape."

V. aestivalis, *Michx.* var. *bourquiniana*, *Bailey.*

Var. *Herbemont.* Cultivated variety.

Var. *Le Noir.* Cultivated variety.

- V. brevipedunculata**, *Hort. Kew.* China, &c.
Ampelopsis brevipedunculata, *Koehne.*
Cissus brevipedunculata, *Maxim.*
- V. californica**, *Benth.* Central and South California and North Oregon.
V. caribaea, *Hook.* (not *DC.*).
- V. candicans**, *Engelm.* Eastern Texas. "Mustang Grape."
- *V. capreolata**, *D. Don.* Himalaya.
V. hederacea, *Wall.*
Cissus capreolata, *Walp.*
C. nepaulensis, *DC.*
C. serrulata, *Roxb.*
C. Wrightii, *Hort.*
Tetrastigma serrulatum, *Planch.*
- V. caribaea**, *DC.* var. *Blancoi.* Florida.
V. Blancoi, *Munson.*
- V. Champini**, *Planch.* South-western Texas. (Probably a hybrid of *V. rupestris* or *V. Berlandieri* and *V. candicans*.)
- V. cinerea**, *Engelm.* Central Illinois to Kansas, Texas, &c.
 "Sweet Winter Grape."
V. aestivalis var. *cinerea*, *Engelm.*
V. canescens, *Hort.*
- V. Coignetiae**, *Pul. & Planch.* Japan.
V. congesta, *Hort.*
- V. cordifolia**, *Michx.*; Loud. Arbor i. 480, f. 143. United States. "Chicken Grape."
V. vulpina var. *cordifolia*, *Regel.*
V. virginiana, *Hort.*

V. doaniana, *Munson*; Garden and Forest, 1896, 455 f. 59.
North-west Texas, &c. (Probably a hybrid of
which *V. candicans* is one of the parents.)

***V. erioclada**, *Wight & Arn.* India.

V. ficifolia, *Bunge.* China and Japan.

V. flexuosa, *Thunb.* China and Japan.

V. parvifolia, *Roxb.*

V. succisa, *Hance.*

V. girdiana, *Munson.* South California. "Valley Grape."

V. heterophylla, *Thunb.* China and Japan.

V. davidiana, *Carr.*

V. elegans, *Hort.*

Ampelopsis aconitifolia, *Hort.*

A. heterophylla, *Sieb. & Zucc.*

C. bryonifolia *Regel.*

Var. **humulifolia**, *Hook. f.* Bot. Mag. t. 5682.

Ampelopsis humulifolia, *Bunge.*

Var. **variegata**.

V. heterophylla var. *tricolor*.

***V. himalayana**, *Brand.* Himalaya.

V. neilgherrensis, *Wright* Ic. t. 965.

Ampelopsis himalayana, *Royle.*

Cissus himalayana, *Walp.*

V. inconstans, *Miq.* China and Japan.

V. Roylei, *Hort.*

Ampelopsis tricuspidata, *Sieb. & Zucc.*

A. Veitchii, *Hort.* Gard. Chron. ii. 1880, xiv. 664,
f. 126.

Cissus Thunbergii, *Sieb. & Zucc.*

V. inconstans—cont.

C. Veitchii, *Carr.*

Parthenocissus tricuspidata, *Planch.*

Var. *purpurea*.

Var. *robusta*.

V. indivisa, Willd. South United States.

Ampelopsis cordata, *Michx.*

A. cordifolia, *Rafin.*

Cissus Ampelopsis, *Pers.*

V. japonica, Thunb. Eastern Asia.

Cissus cyanocarpa, *Miq.*

C. japonica, *Willd.*

C. leucocarpa, *Blume.*

V. Labrusca, L. ; Loud. Arbor. i. 479, f. 141. New England to Georgia. "Fox Grape, Skunk Grape." The parent of the greater part of American cultivated grapes.**V. Longii, Prince.** North-west Texas and New Mexico.

V. Solonis, *Hort.*

V. munsoniana, Simpson. Florida. "Mustang Grape of Florida, Bird Grape, Everbearing Grape."**V. orientalis, Boiss.** Orient.

Ampelopsis orientalis, *Planch.*

Cissus clematifolia, *Cav.*

C. orientalis, *Lam. ;* Wats. Dendr. Brit. t. 113.

C. pinnata, *Soland.*

V. palmata, Vahl. Illinois and Missouri to Louisiana and Texas. "Red or Cat Grape."

V. riparia var. palmata, *Planch.*

V. rubra, *Michx.*

V. virginiana, *Poir.*

V. persica, Boiss. Persia to Afghanistan.

Ampelopsis vitifolia, Planch.

Cissus vitifolia, Boiss.

V. quinquefolia, Lam. North America. "Virginia Creeper."

Ampelopsis hederacea, DC.

A. quinquefolia, Michx.

Parthenocissus quinquefolia, Planch.

P. radicansissima, Koehne & Graebner.

Vitis radicansissima, Hort.

Var. hirsuta.

Ampelopsis hirsuta, Donn.

Var. incisa.

Var. major.

Var. muralis.

Ampelopsis Engelmanni, Hort.

Parthenocissus Engelmanni, Koehne & Graebn.

V. Romaneti, Caill. North China.

V. rotundifolia, Michx. South and South-western United States. "Muscadine Southern Fox Grape."

V. rupestris, Scheele. South United States. "Sand or Sugar Grape."

V. serianaefolia, Maxim. China and Japan.

Ampelopsis serianaefolia, Bunge.

Cissus viticifolia, Sieb. & Zucc.

Paullinia japonica, Thunb.

Vitis aconitifolia, Hance.

***V. striata, Baker.** Rio Grande do Sul.

Ampelopsis sempervirens, Hort. Gard. Mag. February 13, 1886, 91.

Cissus striata, Ruiz. & Pav.

V. Thunbergii, *Sieb. & Zucc.* China and Japan.

V. Sieboldii, *Hort.*

V. ficifolia *var.* **Sieboldii**, *Lavallée.*

V. Treleasei, *Munson.* Texas, Arizona, &c.

V. vinifera, *L.* Orient. "Grape Vine."

Var. corinthiaca. "Currant Grape."

V. corinthiaca, *Rafin.*

Var. laciniosa. "Parsley-leaved Vine."

V. laciniosa, *L.*

V. apiifolia, *Hort.*

Var. purpurea. "Teinturier Grape."

Var. sylvestris.

V. sylvestris, *Gmelin.*

V. cebennensis, *Jord.*

? **Var. Davidii.**

Spinovitis Davidii, *Carr.*

V. vulpina, *L.* North America. "Riverbank or Frost Grape."

V. riparia, *Michx.*; *Bot. Mag. t. 2429.*

V. cordifolia *var. riparia*, *A. Gray.*

V. odoratissima, *Donn.* (is male plant of this species).

Sapindaceae.

***Kolreuteria bipinnata**, *Franchet* *Revue Horticole* 1888, 393, f. 93. China.

K. paniculata, *Laxm.*; *Gard. Chron.* 1887, ii. 561, f. 111. China.

K. floribunda, *Hort.*

K. japonica, *Hort.*

Æsculus californica, *Nutt.*; Sargent Silva of North America tt. 71, 72; Bot. Mag. t. 5077, California.

Calothyrsus californicus, *Spach.*

Pavia californica, *Hartw.*

Æ. carnea, *Willd.*; Watson Dendr. Brit. ii. 121. Garden Hybrid. "Red Horse Chestnut."

Æ. floribunda, *Hort.*

Æ. rubicunda, *DC.*; Flore des Serres t. 2229-30.

Æ. spectabilis, *Hort.*

Pavia watsoniana, *Spach.*

Var. *atropurpurea*, *Hort.*

Var. *Briotii*, *Hort.*

Var. *Mauroyi*, *Hort.*

Var. *pendula*, *Hort.*

Æ. flava, *Ait.* West Pennsylvania to Georgia and Texas. "Sweet Buckeye."

Æ. lucida, *Hort.* (not *Spach.*)

Æ. lutea, *Wangh.*

Æ. octandra, *Marsh.*; Sargent Silva of North America tt. 69, 70.

Pavia bicolor, *Rafin.*

P. flava, *Moench.*

P. fulva, *Rafin.*

P. hybrida, *Hort.*

P. lutea, *Poir.*

P. macrocarpa, *Hort.*

P. pallida bicolor, *Hort.*

Var. *purpurascens*, *A. Gray.* South-western United States.

Æ. discolor, *Pursh.*; Bot. Reg. t. 310.

Æ. hybrida, *DC.*

Æ. lutea var. *discolor*, *Dippel.*

Æ. flava—cont.

Æ. octandra var. hybrida, Sargent.

Æ. Pavia var discolor, Torr. & Gray.

Pavia discolor, Poir.

P. hybrida, DC.

P. rosea, Hort.

Var. sanguinea.

Var. Whitleyi, Hort.

Æ. glabra, Willd.; Sargent Silva of North America
tt. 67, 68. United States. "Ohio Buckeye."

Æ. echinata, Muhl.

Æ. ohioensis, DC.

Æ. pallida, Willd.

Pavia glabra, Spach.

P. ohioensis, Michx.

P. pallida, Spach.

Var. arguta, Robinson. Texas, &c.

Æ. arguta, Buckl.

Æ. Hippocastanum, L. Mountains of South-eastern Europe.
"Horse Chestnut."

Var. crispum.

Var. flore pleno, Illustration Horticole ii. t. 50.

Æ. Schirnhoferi, Hort.

Var. foliis aureis variegatis.

Var. laciniata.

Æ. asplenifolia, Hort.

Æ. heterophylla, Hort.

Æ. incisa, Hort.

Var. Memmingeri.

Var. pyramidalis.

Æ. indica, *Colebr.* ; Bot. Mag. t. 5117. Western Himalaya.
"Indian Horse Chestnut."

Æ. Lyoni, *Hort.* (flava \times Pavia). Garden origin.
Pavia Lyoni, *Hort.*

Æ. neglecta, *Lindl.* ; Bot. Reg. t. 1009. Garden origin.
Æ. discolor \times flava, *Koehne*.

Æ. parviflora, *Walt.* South-eastern United States.

Æ. macrostachya, *Pers.* ; Bot. Mag. t. 2118.

Macrothyrsus discolor, *Spach.*

Pavia alba, *Poir.*

P. edulis, *Poit.*

P. macrostachya, *Loisel.*

Æ. Pavia, *L.* S. United States. "Red Buckeye."

Æ. humilis, *Lodd.* ; Bot. Reg. t. 1018.

Pavia atropurpurea, *Spach.*

P. humilis, *G. Don.*

P. lindleyana, *Spach.*

P. lucida, *Spach.*

P. Michauxii, *Spach.*

P. nana, *Hort.*

P. pendula, *Hort.*

P. pumila, *Hort.*

P. rubra, *Lam.*

P. wilddenowiana, *Spach.*

Æ. plantierensis, *E. André.* Garden origin.

Æ. Hippocastanum \times *carnea.*

Æ. turbinata, *Blume* ; Rev. Hort. 1888, 496, ff. 120-4.
China, Japan.

**Ungnadia speciosa*, *Endl.* ; Flore des Serres x. t. 1076.
Mexico, &c. "Spanish Buckeye."

Xanthoceras sorbifolia, *Bunge* ; Bot. Mag. t. 6923. North China.

***Sapindus marginatus**, *Willd.* ; Sargent Silva of North America t. 76. South United States. "Soap-berry, Wild China Tree."

Acer ambiguum, *Dippel*. Japan.

A. Dippeli, *Schwerin*.

A. argutum, *Maxim.* ; Gard. Chron. 1881, xv. 725, f. 132. Japan.

A. campestre, *L.* ; Engl. Bot. ed. 3, t. 321. Europe, West Asia. "Common Maple."

Var. **collinum**, *Wallr.*

A. campestre var. leiocarpum, *DC.*

Var. **compactum**.

Var. **hebecarpum**, *DC.*

A. campestre var. lasiocarpum, *Wimm.*

A. campestre var. pubescens, *Boenningh.*

A. hyrcanum, *Hort.* (not *Fisch. & Mey.*).

Var. **pendulum foliis variegatis**.

Var. **pulverulentum**.

A. campestre foliis punctatis.

A. campestre maculatum.

Var. **Schwerini**.

Var. **variegatum**.

A. campestre argenteo-marginatum.

A. capillipes, *Maxim.* Japan.

A. pennsylvanicum var. capillipes, *Wesmael.*

A. carpinifolium, *Sieb. & Zucc.* ; Gard. Chron. ii. 1881, xv. 564, f. 105. Japan.

A. circinatum, *Pursh* ; Sargent Silva of North America t. 88. California, &c. "Vine Maple."

A. virgatum, *Rafin.*

A. cissifolium, *C. Koch.* Japan.

Negundo cissifolium, *Sieb. & Zucc.*

N. nikoense, *Miq.* (not *Maxim.*).

A. coriaceum, *Tausch.* (Pseudo-plantanus \times monspessulanum), Garden origin.

A. trilobatum, *Hort.*

A. crataegifolium, *Sieb. & Zucc.* Flora Japonica t. 147. Japan.

Var. *Veitchi*, *Nichols.*

A. creticum, *L.* ; Loud. Encyclop. of Trees and Shrubs 94, f. 142, 121, f. 163. Asia Minor.

A. barbatum, *Petz. & Kirchn.* (not *Michx.*).

A. parvifolium, *Tausch.*

A. polymorphum, *Spach* (not *Sieb. & Zucc.*).

A. dasycarpum, *Ehrh.* ; Gard. Chron. 1881, xv. 137, f. 24 ; Garden and Forest iv. 133, f. 26. Eastern North America. "Silver Maple."

A. album, *Hort.*

A. Douglassi, *Arbor. Zoesch.*

A. eriocarpum, *Michx.*

A. palmatum, *Hort.* (not *Thunb.*).

A. Pavia, *Hort.*

A. rubrum, *L. var. pallidum*, *Ait.*

A. saccharinum, *L.* ; Sargent Silva of North America t. 93.

A. saccharinum floridanum, *Hort.*

A. dasycarpum—cont.

A. Saccharum, *Marsh* (not *Britton*).

A. Saira, *Hort.*

A. tomentosum, *Hort.*

Var. foliis albo-variegatis.

Var. Juhlkei.

Var. laciniatum, *Pax.*

A. heterophyllum, *Hort.*

A. Wagneri dissectum, *Hort.*

A. Wieri laciniatum; *Wiener Illust. Garten-Zeitung*,
vii. 410.

Var. lutescens.

Var. macrophyllum.

Var. pendulum.

Var. pulverulentum.

Var. pyramidalis.

Var. tripartitum.

A. diabolicum, *Blume*; *Gard. Chron.* 1881, xv. 532, f. 100.
Japan.

A. pulchrum, *Hort.*

A. Dieckii, *Pax.* Garden origin.

A. Lobelia var Dieckii, *Pax.*

A. platanoides var. integrilobum, *Zabel Gartenfl.*
1887, 437, f.

A. distylum, *Sieb. & Zucc.*; *Gard. Chron.* 1881, xv. 499,
f. 93. Japan.

A. Duretti, *Hort.* (*Pseudo-platanus* × *monspessulanum*)
Garden hybrid.

A. Ginnala, Maxim. Amurland, &c.

A. tataricum var. acuminatum, Franch.

A. tataricum var. Ginnala, Maxim.

A. tataricum var. laciniatum, Regel.

Var. Semenowii, Pax.

A. Semenowii, Regel & Herder.

A. tataricum var. Semenowii, Nichols. Gard. Chron. 1881, xv. 74, f. 12.

A. glabrum, Torr. & Gray ; Sargent Silva of North America t. 89. Western North America.

A. Douglasii, Hook.

A. tripartitum, Nutt.

A. grandidentatum, Nutt. Western North America.

A. barbatum var. grandidentatum, Sargent Silva of North America t. 92.

A. saccharinum var. floridanum, Chapm.

A. Heldreichi, Boiss. & Heldr. ; Gard. Chron. 1881, xv. 141, f. 25. Eastern Europe.

A. Henryi, Pax ; Hook. Icon. Plant. t. 1896. Central China.

A. heterophyllum, Willd. ; Garden ii. 283, f. Orient.

A. microphyllum, Hort.

A. obtusifolium, Sibth.

A. orientale, C. Koch.

A. sempervirens, Hort.

A. Hookeri, Miq. Himalaya and China.

A. hybridum, Spach ; Engler, Das Pflanzenreich 1902, Aceraceæ f. 4. (Pseudo-platanus × opulifolium).

A. Pseudo-platanus var. opulifolium, Hort.

A. hyrcanum, Fisch. & Mey. Caucasus.

A. caucasicum, Hort.

A. ibericum, Hort. (in part).

A. hyrcanum—cont.

A. italum var. *hyrcanum*, *Pax*.

A. lobatum, *Gordon* ; *Garden*, iii. 69, f.

A. tauricum, *Hort.* (in part).

A. insigne, *Boiss. & Buhse*. var. *velutinum*, *Boiss.* ; *Gard.*
Chron. 1891, x. 189, f. 24. Northern Persia.

A. japonicum, *Thunb.* ; *Sieb. & Zucc. Fl. Jap.* ii. t. 144.
Japan.

A. macrophyllum, *Hort.* (not *Pursh*).

A. palmatum macrophyllum, *Hort.*

A. vitifolium, *Hort.*

Var. *aureum*, *Schwerin*.

Var. *microphyllum*, *Hort. Veitch*.

A. laetum, *C. A. Mey.* ; *Gartenfl.* 1887, 433, f. 109.
Caucasus. &c.

Var. *rubrum*.

A. colchicum rubrum, *Hort.*

A. leucoderme, *Small*. North Carolina to Florida and
Alabama.

A. Lobelii, *Tenore Flora Neapolitana* v. 291, t. 199.
Southern Italy.

A. atheniense, *Hort.*

A. platanoides var. *integrilobum*, *Tausch*.

A. platanoides, *L. var. Lobelii*, *Loud. Arbor.* 444, f. 120.

A. macrophyllum, *Pursh* ; *Sargent Silva of North America*
tt. 86, 87. California, &c.

A. murrayanum, *Hort.*

A. speciosum, *Hort.*

A. mandshuricum, *Maxim.* Mandshuria.

A. micranthum, *Sieb. & Zucc. Fl. Jap.* 141, t. 80. Japan.

A. Miyabei, *Maxim* ; *Garden and Forest* 1893, 143, f. Japan.

A. monspessulanum, *L.*; Loud. Arbor. i. 458, f. 131.
Mediterranean Region. "Montpelier Maple."

A. heterophyllum, *Hort.* (not *Willd.*)

A. ibericum, *Bieb.*

A. illyricum, *Jacq.*

A. liburnicum, *Hort.*

A. littorale, *Hort.*

A. monspeliense, *Hort.*

A. trifolium, *Duham.*

A. trilobum, *Moench.*

A. trilobatum, *Lam.*

A. neglectum, *Lange.* Garden origin.

A. aetnense, *Hort.*

A. campestre × *Lobellii*, *Koehne.*

A. campestre *var.* *aetnense.*

A. zöschense. *Pax.*

A. Negundo, *L.*; Sargent Silva of North America t. 96.
United States. "Box Elder."

Negundo aceroides, *Moench.*

N. fraxinifolium, *Nutt.*

Var. californicum, *Sargent* Silva of North America t. 97.

Acer californicum, *Dietr.*

Negundo californicum, *Torr. & Gray.*

Var. crispum, *G. Don*; Loud. Encycl. of Trees and
Shrubs, 122, f. 165.

Var. foliis marginatis aureis.

Var. laciniatum, *Hort.*

Var. variegatum, *Hort.*

Var. versicolor, *Dieck.*

Var. violaceum, *Kirchner.*

A. nikoense, *Maxim.* (not *Miq.*) ; Garden and Forest 1893, 155, f. 26. Japan.

A. maximowiczianum, *Miq.*

Negundo nikoense, *Nichols.*

A. opulifolium, *Vill.* Europe. "Italian Maple."

A. italicum, *Lauche.*

A. italum, *Lauth.*

A. Opalus, *Ait.* Garden, 1872, 443, f.

A. rotundifolium, *Lam.*

Var. neapolitanum.

A. hybridum, *Hort.*

A. neapolitanum, *Tenore* Flora Neapolitana t. 100.

A. obtusatum *var. neapolitanum*, *Hort.*

Var. obtusatum.

A. obtusatum, *Kit.*

A. palmatum, *Thunb.* ; Loud. Encycl. of Trees and Shrubs 90, f. 158. Japan.

A. polymorphum, *Sieb. & Zucc.* Fl. Jap. 83, t. 145.

Palmatum Group.

Var. aureum.

Acer japonicum polymorphum aureum. *Hort.*

Var. crispum, Illustration Horticle, 1870, t. 43.

A. crispatum, *Hort.*

Var. linearilobum, *Sieb. & Zucc.* Fl. Jap. 84. t. 146.

A. integrum, *Hort.*

Var. roseo-marginatum.

A. japonicum roseo-marginatum, *Hort.*

A. polymorphum roseo-marginatum, *Hort.*

Septemlobum Group.

Var. sanguineum, Carr.

Var. septemlobum, C. Koch.

A. septemlobum, Thunb.

Var. septemlobum atropurpureum.

A. atropurpureum, Hort.

A. japonicum atropurpureum, Hort.

Var. septemlobum bicolor, Hort.

Var. septemlobum elegans.

Var. septemlobum elegans purpureum.

A. digitatum atropurpureum, Hort.

Dissectum Group.

Var. dissectum.

A. dissectum, Thunb.

A. japonicum dissectum, Hort.

A. palmatifidum, Hort.

A. palmatum pinnatifidum, Hort.

A. polymorphum var. decompositum, Sieb. & Zucc.
Fl. Jap. 84, t. 146.

Var. dissectum ornatum, Illustration Horticole 1870,
244, t. 46.

A. japonicum ornatum, Hort.

A. palmatifidum ornatum, Hort.

A. palmatifidum rubrum, Hort.

Var. dissectum sessilifolium, Gard. Chron. 1881, xvi. 137,
f. 30.

Negundo sessilifolium, Sieb. & Zucc.

A. pennsylvanicum, *L.* ; Sargent Silva of North America
tt. 84, 85. Eastern United States. "Moose Wood."

A. canadense, *Marsh.*

A. hybridum, *Bosc.*

A. striatum, *Du Roi.*

A. pictum, *Thunb.* Mandshuria, Japan.

Var. **Mono.**

A. Mono, *Maxim.*

Var. **variegatum.**

A. pictum tricolor.

A. platanoides, *L.* ; Loud. Encycl. of Trees and Shrubs 83,
104, 105. Europe. "Norway Maple."

Var. **columnare**, *Carr.*

Var. **cucullatum.**

Var. **dilaceratum**, *Dieck.*

Var. **globosum.**

A. globosum, *Hort.*

Var. **heterophyllum variegatum**, *Hort.*

A. digitatum aureo-marginatum, *Hort.*

Var. **laciniatum.**

A. crispum, *Hort.* ; Loud. Encycl. of Trees and
Shrubs 84, f. 128.

A. lacinosum, *Hort.*

Var. **maculatum**, *Schwerin.*

Var. **nanum**, *Nichols.*

Var. **palmatum.**

A. dissectum, *Hort.*

A. Lorbergi, *Hort.*

A. palmatifidum, *Hort.*

A. platanoides digitatum, *Hort.*

A. platanoides—*cont.*

Var. *purpureum*.

Var. *pyramidale nanum*.

Var. *Reitenbachii*.

Var. *rubrum*, *Regel Gartenflora* 1867, 163, f. 545.

Var. *Schwedleri*; *Gard. Chron.* 1881, xv. 565, f. 106.

A. *Schneideri*, *Hort.*

Var. *undulatum*, *Dieck*.

A. Pseudo-platanus, L.; Eng. Bot. ed. 3, t. 320. Central Europe, Western Asia. "Sycamore."

Var. *atropurpureum*.

Var. *aucubaefolium*.

Var. *bicolor*, *Späth*.

Var. *elegantissimum*, *Perkins*.

Var. *euchlorum*.

Var. *flavo-marginatum*, *Loud*. "Corstorphine Plane."

A. P. *corstorphinensis*, *Hort*.

A. P. *lutescens*, *Hort*.

Var. *foliis albo-variegatis*.

Var. *Leopoldi*, *Illustration Horticole* xi. t. 411.

Var. *luteo-virens*, *Simon-Louis*.

Var. *nervosum*, *Schwerin*.

Var. *Nizeti*, *Schwerin*.

A. *foliis purpureis aureo-variegatis*.

Var. *Prinz Handjery*, *Hort*.

Var. *purpureo-variegatum*, *Hort*.

A. Pseudo-platanus—cont.

Var. *purpureum*, *Loud.*

A. P. *var. rubrum*, *Hort.*

A. *nigrum*, *Hort.*

Var. *webbianum*, *Hort.*

Var. *Worlei*, *Schwerin.*

A. purpurascens, *Franch. & Sav.* Japan.

A. rubrum, *L.*; Sargent Silva of North America t 94.
United States. "Red Maple."

A. *carolinianum*, *Hort.*

A. *coccineum*, *Michx. fil.*

A. *floridanum*, *Hort.*

A. *glaucum*, *Hort.*

A. *globosum*, *Hort.*

A. *hypoleucum*, *Hort.*

A. *leucophyllum*, *Hort.*

A. *virginianum*, *Hort.*

A. *Wagneri*, *Hort.*

Var. *Drummondii*, Sargent Silva of North America, t. 95.

A. *Drummondii*, *Hook. & Arn.*

Var. *pendulum*.

Var. *sanguineum*.

A. *fulgens*, *Hort.*

A. *sanguineum*, *Spach.*

A. *splendens*, *Hort.*

A. *tomentosum*, *Hort.*

A. *microphyllum*, *Pax.*

A. rufinerve, *Sieb. & Zucc.* Flora Jap. t. 158. China and Japan.

Var. *albo-limbatum*, *Hook.* Bot. Mag. t. 5793.

A. saccharinum, *Wangenh.* United States. "Sugar Maple."

A. barbatum, *Sargent Silva of North America* t. 90.

A. saccharophorum, *C. Koch.*

A. Saccharum, *Britt.* (not *Marsh.*)

Var. *columnare*.

Var. *monumentale*.

Var. *nigrum*.

A. barbatum var. *nigrum*, *Sargent Silva of North America* t. 91.

A. nigrum. *Michx.*

A. sieboldianum, *Miq.*; *Gard. Chron.* 1881, xv. 590, f. 113. Japan.

A. japonicum var. *sieboldianum*, *Franch. & Sav.*

A. palmatum *Kaempferi*, *Hort.*

A. spicatum, *L.*; *Sargent Silva of North America* tt. 82, 83. United States. "Mountain Maple."

A. montanum, *Ait.*

A. parviflorum. *Ehrh.*

A. pennsylvanicum, *Duroi* (not *L.*).

A. rugosum, *Hort.*

A. tataricum, *L.*; *Watson Dendr. Brit.* t. 160. Eastern Europe, &c.

A. cordifolium, *Moench.*

Var. *rubrum*.

A. Tschonoskii, *Maxim.* Japan.

A. tenellum, *Pax*; *Hook. Icon. Plant.* t. 1897. Central China.

A. tetrandrum, *Pax.* Central China.

A. Trautvetteri, *Medwedjeff*; *Gartenfl.* 1891, ff. 58-61. Caucasus.

A. insigne, *Nichols.* *Gard. Chron.* 1881, xvi. 75, f. 14.

A. insigne var. *Trautvetteri*, *Pax.*

A. trinerve, *Dippel*. Japan, &c.

A. trifidum, *Hort.* (not *Hook. & Arn.*).

A. truncatum, *Bunge*. China.

A. laetum *var. truncatum*, *Regel.*

A. Lobelii *var. truncatum*, *Wesmael.*

A. Volxemi, *Masters Gard. Chron.* 1877, vii. 72, f. 10;
1891, x. 11, f. 2. Caucasus.

Dipteronia sinensis, *Oliver*; *Hook. Icon. Plant.* t. 1898.
Central China.

Staphylea Bumalda, *Sieb. & Zucc. Fl. Jap.* t. 95. Japan.

S. colchica, *Stev.*; *Gard. Chron.* 1887, ii. 713, f. 137.
Caucasus.

Hooibrenckia formosa, *Hort.*

S. regeliana, *Hort.*

S. Coulombieri, *André* (pinnata × colchica).

S. pinnata, *L.* *Eng. Bot. ed.* 3, t. 322. South Europe.
"Bladder-nut."

S. trifolia, *L.*; *Gartenflora* 1888, 529. North America.
"American Bladder-nut."

***Euscaphis staphyleoides**, *Sieb. & Zucc. Fl. Jap.* t. 67.
China and Japan.

E. japonica, *Dippel.*

Sabiaceae.

Meliosma myriantha, *Sieb. & Zucc.* China and Japan.

Anacardiaceae.

Rhus canadensis, *Marsh.* North America.

R. aromatica, *Ait.*; *Britt. & Br. Illustr. Fl.* ii. 387, f.

R. suaveolens, *Ait.*

Var. trilobata, *A. Gray.*

R. copallina, *L.*; *Dippel Handbuch der Laubholzkunde* ii. 368, f. 169. Eastern United States. "Dwarf Sumach."

R. cotinoides, *Nutt.* Southern United States. "Chittam Wood."

Cotinus americanus, *Nutt.* *North American Sylva* ii. t. 81; *Sargent Silva of North America* t. 98.

R. Cotinus, *L.*; *Jacq. Flora Austrica* t. 210. Europe, &c. "Venetian Sumach."

Var. *atropurpurea*.

Var. *pendula*.

R. glabra, *L.*; *Loud. Arbor.* ii. 551, f. 225. United States. "Smooth Sumach."

R. caroliniana, *Mill.*

R. coccinea, *Hort.*

R. elegans, *Ait.*; *Wats. Dendr. Brit.* i. t. 16.

R. sanguinea, *Hort.*

Var. *laciniata*, *Carr. Revue Horticole* 1863, f. 1.

***R. insignis**, *Hook. f.* Himalaya.

R. Michauxi, *Sargent Garden and Forest* 1895, 404, f. 55. South United States.

R. pumila, *Michx.*

R. Osbeckii, *DC.*; *Revue Horticole* 1867, f. 14. China and Japan.

R. japonica Osbecki, *Hort.*

R. semialata var. Osbeckii, *DC.*

R. typhina Osbecki, *Hort.*

***R. punjabensis**, *J. L. Stew.* Himalaya.

R. sylvestris, *Sieb. & Zucc.* China and Japan.

R. Toxicodendron, *L.*; Loud. Arbor. ii. 556, f. 23. North America and Japan. "Poison Ivy, Poison Oak."

R. ambigua, *Lavallée*.

R. japonica, *Hort*.

R. radicans, *L.*; Bot. Mag. t. 1806.

R. ternata, *Hort*.

R. trifoliata, *Hort*.

Ampelopsis Hoggii, *Hort*.

A. japonica, *Hort*.

Toxicodendron pubescens, *Mill*.

T. vulgare, *Mill*.

R. trichocarpa, *Miq.* Japan, Corea.

R. typhina, *L.*; Loud. Arbor. ii. 550, f. 224. Eastern United States. "Staghorn Sumach."

R. americana, *Hort*.

R. canadensis, *Hort*. (not *Michx.*).

R. coriaria, *Hort*. (not *L.*).

R. frutescens, *Hort*.

R. glabra, *Hort*. (not *L.*).

R. gracilis, *Hort*.

R. hirta, *Sudw*.

R. viridiflora, *Poir*. (male plant).

Var. laciniata.

R. venenata, *DC.*; Loud. Arbor. ii. 552, f. 226. Eastern United States. "Poison Sumach."

R. vernix, *L.*; Watson Dendr. Brit. i. t. 19.

Toxicodendron pinnatum, *Mill*.

R. vernicifera, *DC.* China and Japan. "Lacquer Tree."

R. vernix, *Thunb.* (not *L.*).

R. Wallichii, *Hook. f.* Himalaya.

- *Pistacia atlantica*, *Desf.* North Africa.
- *P. cappadocica*, *Planch.* Sicily, &c.
P. hybrida, *Gasparini*.
- *P. chinensis*, *Bunge.* China.
- *P. Lentiscus*, *L.*; *Bot. Mag.* t. 1967. Mediterranean Region. "Mastic Tree."
P. massiliensis, *Mill.*
- *P. Terebinthus*, *L.*; *Bentl. & Trim. Med. Plants* t. 69. South Europe. "China Turpentine Tree."
- *Schinus bonplandianus*, *March.* South Brazil.
S. dependens *var. subintegra*, *Engler.*
Duvaua longifolia, *Lindl. Bot. Reg.* xxix. t. 59.
D. spinescens, *Tenore.*
- *S. dependens*, *Ortega.* Chili.
Duvaua dependens, *DC.*; *Bot. Reg.* t. 1573.
Var. ovata.

Coriariaceae.

- Coriaria japonica*, *A. Gray*; *Bot. Mag.* t. 7509. Japan.
- C. myrtifolia*, *L.*; *Wats. Dendr. Brit.* ii. t. 103. Mediterranean Region. "Redoul."
- C. nepalensis*, *Wall.* Himalaya.
- C. terminalis*, *Hemsl.* *Hook. Icon. Plant.* t. 2220. Western China and Himalaya.
C. nepalensis, *Hort.* (not *Wall.*)

Leguminosae.

- *Anagyris foetida*, *L.*; *Revue Horticole* 1869, 290. Mediterranean Region.

**Piptanthus nepalensis*, *Sweet* British Flower Garden t. 264. Temperate Himalaya.

Anagyris indica, *Lindl.*

A. nepalensis, *Graham.*

Baptisia nepalensis, *Hook.* Exot. Flora t. 131.

Thermopsis laburnifolia, *G. Don.*

T. nepaulensis, *DC.*

Lupinus arboreus, *L.*; *Bot. Mag.* t. 682. California.
"Tree Lupin."

L. macrocarpus, *Hook. & Arn.*

L. rivularis, *Agardh.*

L. sericeus, *Eschsch.*

**Adenocarpus decorticans*, *Boiss.*; *Gard. Chron.* 1886, xxv. 725, f. 160. Spain.

Laburnum Adami, *Lavall.* (*L. vulgare* × *Cytisus purpureus*). "Purple Laburnum."

Cytisus Adami, *Poit.*

C. Laburnum var. *purpureus*, *Hort.*; *Bot. Reg.* t. 1965.

Laburnum vulgare flore rubro, *Hort.*

L. vulgare purpurascens, *Hort.*

L. alpinum, *J. S. Presl.* Europe. "Scotch Laburnum."

Cytisus alpinus, *Mill.*

Var. *autumnalis*, *Hort.*

Var. *biferum*, *Hort.*

L. biflorum, *Hort.*

L. chrysophyllum, *Hort.*

Var. *fragrans*, *Hort.* (not *Grisch.*).

Var. *grandiflorum*, *Hort.*

Var. *hirsutum*, *Hort.*

Var. *pilosum*, *Wettst.*

L. caramanicum, *Benth. & Hook. f.* Asia Minor.

Cytisus caramanicus, *Lavall.*

Podocytisus caramanicus, *Boiss.*

L. Parksii, *Hort.* (alpinum \times vulgare).

L. Vossii, *Hort.* Garden Origin.

L. vulgare, *J. S. Presl.* Europe. "Laburnum."

L. anagyroides, *Medic.*

Cytisus Laburnum, *L.*

Var. Alschingeri, *Briq.*

Cytisus Alschingeri, *Vis.*

Var. Carlieri, *Hort.*

Cytisus Carlieri, *Hort.*

Var. foliis aureis.

Var. intermedium, *Hort.*

Var. involutum, *Hort.*

L. vulgare monstrosum, *Hort.*

L. vulgare bullatum, *Hort.*

Var. jacquinianum, *Beck.*

L. tarquinianum, *Hort.*

Var. linnaeanum.

L. vulgare var. typicum, *Beck.*

Cytisus Laburnum subsp.-linnaeanum, *Wettst.*

Var. monstrosum cristatum, *Hort.*

Var. pendulum, *Hort.*

L. vulgare pendulum elegans, *Hort.*

Var. quercifolium, *Hort.*

Var. semperflorens, *Hort.*

Var. sessilifolium, *Hort.*

L. Watereri, *Hort.* (alpinum \times vulgare.)

Cytisus Watereri, *Wettst.*

Petteria ramentacea, *Presl.* Eastern Europe.

Cytisus fragrans, *Weld.*

C. ramentaceus, *Sieb.*

C. Weldenii, *Vis.*; *Bot. Reg.* xxxix. t. 40.

Laburnum Weldenii, *Lavallée.*

L. fragrans, *Griseb.*

Genista aethnensis, *DC.*; *Moris Flora Sardoia* t. 28.
Sicily, &c.

Dendrospartum aetnense, *Spach.*

Spartium aetnense, *Biv.*; *Bot. Mag.* t. 2674.

S. trispermum, *Smith.*

G. anglica, *L.*; *Engl. Bot.* ed. 3, t. 326. Europe. "Needle
Furze, Petty Whin."

G. brutia, *Tenore.*

G. minor, *Lam.*

G. aspalathoides, *Lam.*; *Moris Flora Sardoia* tt. 29, 30.
South-western Europe.

Spartium erinaceoides, *Loisel.*

S. aspalathoides, *Desf.*

G. cinerea, *DC.*; *Reichb. Ic. Flor. Germ.* t. 2092. South-
western Europe.

G. ramosissima, *Boiss.* (not *Poir.*).

Spartium cinereum, *Vill.*

S. sphaerocarpum, *Lapeyr.*

G. ferox, *Poir.* North Africa.

G. germanica, *L.*; *Flora Danica* xi. t. 1826. Europe.

Scorpius spinosus, *Moench.*

G. hispanica, *L.* ; Rev. Hort. 1888, 36. South west Europe.
 "Spanish Gorse."

G. villosa, *Lam.*

Spartium hispanicum, *Spreng.*

Ulex nanus, *Hort.* (not *Forst.*).

U. pyramidalis, *Hort.*

G. horrida, *DC.* Southern France, Spain.

G. lusitanica, *Desf.*

Cytisus tragacanthaeformis, *Pourr.*

• *Spartium horridum*, *Vahl.*

Var. *erinacea*. Near Lyons.

G. erinacea, *Gilib.*

G. lugdunensis, *Jord.*

G. pilosa, *L.* ; Engl. Bot. ed. 3, t. 327. Europe.

G. radiata, *Scop.* ; Reichb. Ic. Flor. Germ. t. 2083. Central
 and Southern Europe.

G. hispanica, *Hort.* (not *L.*).

G. holopetala, *Reichb.*

Cytisus radiatus, *Kit.*

Spartium radiatum, *L.*

G. sagittalis, *L.* ; Reichb. Ic. Flor. Germ. t. 2081. Europe.

G. herbacea, *Lam.*

Cytisus sagittalis, *Kit.*

Spartium sagittale, *Roth.*

G. tinctoria, *L.* ; Engl. Bot. ed. 3, t. 328. Europe, &c.
 "Dyers' Greenweed."

G. fragrans, *Hort.* (not *Spach.*)

Carniola tinctoria, *Presl.*

Spartium tinctorium, *Roth.*

G. tinctoria—cont.**Var. elatior.**

- G. anxantica*, *Griseb.*
- G. dumetorum*, *Hort.*
- G. elata*, *Wender.*
- G. elatior*, *Koch.*
- G. frutescens*, *Hort.*
- G. italica*, *Hort.*
- G. marginata*, *Bess.*
- G. multibracteata*, *Hort.*
- G. ovata*, *Hort.*
- G. polygalaefolia*, *Hort.*
- G. pubescens*, *Lang.*
- G. sibirica*, *Reichb.*
- G. thyrsiflora*, *Hort.*
- G. virgata*, *Hoppe* (not *DC.*).

Var. flore pleno.**Var. mantica.**

- G. mantica*, *Pollini.*

***G. virgata*, *DC.*; Bot. Reg. xxx. t. 11. Madeira.**

- G. cinerea*, *Hort.* (not *DC.*).
- G. elata*, *Hort.* (not *Wender.*).
- G. gracilis*, *Poir.*
- Cytisus tener*, *Jacq.*
- Spartium virgatum*, *Ait.*

***Spartium junceum*, *L.*; Bot. Mag. t. 85. South Europe
"Yellow Spanish Broom."**

- Genista juncea*, *Lam.*
- Spartianthus junceus*, *Link.*

Var. flore pleno.

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Erinacea pungens, *Boiss.*; Bot. Mag. t. 676. Eastern Pyrenees, North-west Africa.

E. Ervillei, *Hort.*

Ulex europaeus, *L.*; Engl. Bot. ed. 3, t. 323. Europe.
"Furze, Whin, Gorse."

Var. *flore pleno*.

Var. *strictus* (Mackay).

U. Gallii, *Planch.*; Engl. Bot. ed. 3, t. 324. Western Europe.

U. nanus, *Forst.*; Engl. Bot. ed. 3, t. 325. Western Europe.

U. europaeus nanus, *Hort.*

***U. parviflorus**, *Pourr.* Reichb. Icon. Fl. Germ. t. 2068.
South France, Spain, &c.

***U. welwitschianus**, *Planch.* South-west Europe.

Cytisus albus, *L.* Spain and Portugal. "White Spanish Broom."

C. multiflorus albus, *Hort.*

Genista multiflora, *Loisel.*

Sarothamnus albus, *Presl.*

S. parviflorus, *Willk.*

Spartium album, *Desf.*

S. multiflorum, *L'Hérit.*; Lodd. Bot. Cab. t. 1052.

Var. *incarnatus*, *Hort. Kew.*

C. Ardoini, *Fourn.*; Moggr. Flora of Mentone t. 58. Maritime Alps.

C. austriacus, *L.*; Jacq. Fl. Austr. i. t. 21. Eastern Europe.

C. banaticus, *Griseb.*

C. serotinus, *Hort.* (not *Kit.*).

C. Beanii, *Nichols.* (*Ardoini* × *biflorus*). Garden Origin.

***C. biflorus*, *L'Hérit.* ; Bot. Reg. t. 308. Eastern Europe.**

C. canariensis, *Hort.*

C. caucasicus, *Hort.*

C. elongatus, *Waldst. & Kit.*

C. leucanthus, *Hort.* (not *Waldst. & Kit.*).

C. medicaginoides, *Hort.*

C. polytrichus, *Hort.*

C. ratisbonensis, *Schaeff.*

C. ruthenicus, *Fisch.*

C. serotinus, *Kit.*

C. supinus, *Hort.* (not *Jacquin*).

C. uralensis, *Hort.*

***C. capitatus*, *Jacq.* ; Lodd. Bot. Cab. t. 497. Europe.**

C. calycinus, *Hort.*

C. nigricans nanus, *Hort.*

***C. ciliatus*, *Wahlenb.* Eastern Europe.**

C. hirsutus subsp. ciliatus, *Briquet.*

***C. decumbens*, *Walp.* Europe.**

Genista Halleri, *Reyn.*

G. prostrata, *Lam.*

***C. glabrescens*, *Sartor.* South Switzerland, North Italy.**

***C. hirsutus*, *L.* ; Bot. Mag. t. 6819. South Europe and Asia Minor.**

C. falcatus, *Waldst. & Kit.*

C. leucotrichus, *Schur.*

C. polytrichus, *Hort.*

C. tournefortianus, *Loisel.*

C. triflorus, *Lam.* (not *L'Hérit.*).

C. uralensis, *Hort.* (in part).

Var. *hirsutissimus*.

C. hirsutissimus, *C. Koch.*

- C. kewensis**, *Bean*. (Ardoini \times albus). Garden origin.
- C. leucanthus**, *Waldst. & Kit.*; Bot. Mag. t. 1438. Balkans.
C. albus, *Hacquet* (not *L.*).
C. frivaldskyanus, *Degen*.
C. schipkaensis, *Dieck*.
- *C. linifolius**, *Lam.* South-west Europe.
Genista linifolia, *L.*
Spartium linifolium, *Desf.*
Teline linifolia, *Webb*.
- C. monspessulanus**, *L.*; Reich. Ic. Fl. Germ. t. 2079.
Mediterranean region.
Genista candicans, *L.*
G. triangularis, *Hort.* (not *Willd.*).
G. triquetra, *Hort.* (not *Ait.*).
Teline candicans, *Webb*.
- C. nigricans**, *L.*; Bot. Reg. t. 802. Europe.
Lembotropis nigricans, *Griseb.*
C. Carlieri, *Hort.*
C. elongatus, *Hort.* (not *Waldst. & Kit.*).
C. longispicatus, *Hort.*
C. reflexus, *Hort.*
- C. praecox**, *Hort.* (purgans \times albus). Garden origin.
- C. purgans**, *Boiss.*; Deutsche Garten-Zeitung 1886, 447.
South-west Europe.
Genista daurica, *Hort.*
G. purgans, *L.*
G. spartioides, *Hort.*
Sarothamnus purgans, *Gren. & Godr.*
Spartium purgans, *L.*
Spartocytisus purgans, *Webb*.
- C. purpureus**, *Scop.*; Bot. Mag. t. 1176 Eastern Europe.

C. scoparius, Link. Europe. "Common Broom."

Genista scoparia, Lam.

Sarothamnus scoparius, Koch; Eng. Bot. ed. 3, t. 329.

S. vulgaris, Wimm.

Spartium scoparium, L.

Var. andréanus.

Genista andréana, Revue Horticole 1886, 572.

Var. flore pleno.

Var. foliis variegatis.

Var. pendulus.

C. grandiflorus, Hort. (not *DC.*).

Genista grandiflora, Hort.

Var. sulphureus.

C. sessilifolius, L.; Bot. Mag. t. 255. South Europe.

Cytisus quinquefolius, Hort.

Lembotropis sessilifolius, Griseb.

C. versicolor, Dippel (*purpureus* × *hirsutus*). Garden origin.

C. purpureus incarnatus, Hort.

C. elongatus, Hort. (in part).

C. erectus, Hort.

Ononis aragonensis, Asso; Engl. & Drude, *Vegetation der Erde* i. 187, f. Pyrenees.

O. fruticosa, L.; Bot. Mag. t. 317. South Europe.

O. Natrix, L.; Bot. Mag. t. 329. Europe.

O. rotundifolius, L.; Bot. Mag. t. 335. South Europe.

Dorycnium suffruticosum, Vill.; Jordan *Observat.* iii. t. 4. South Europe.

**Medicago arborea*, *L.*; Lodd. Bot. Cab. t. 1379. South Europe.

**Anthyllis Hermanniae*, *L.*; Bot. Mag. t. 2576. South Europe.

Cytisus graecus, *L.*

**Psoralea glandulosa*, *L.*; Bot. Mag. t. 990. Chili.

Amorpha californica, *Nutt.* California.

A. canescens, *Nutt.*; Bot. Mag. t. 6618. United States.
"Lead Plant, Shoe-strings."

A. fruticosa, *L.*; Bot. Reg. t. 127. South United States.
"False Indigo.

A. canescens, *Hort.*

A. caroliniana, *Hort.*

A. coerulea, *Hort.*

A. crocea, *Hort.*

A. dealbata, *Hort.*

A. elatior, *Hort.*

A. emarginata, *Hort.*

A. fragrans, *Hort.*

A. Gardneri, *Hort.*

A. glabra, *Hort.*

A. Lewisii, *Hort.*

A. ludoviciana, *Hort.*

A. marginata, *Hort.*

A. pubescens, *Hort.*

A. tenesseeensis, *Hort.*

A. tomentosa, *Hort.*

A. nana, *Nutt.* North America.

A. microphylla, *Pursh.*

A. virgata, *Small Bull. Torrey Bot. Club.* xxi. (1894) 17
t. 171. Georgia.

Indigofera bungeana, *Walp.* China.

I. decora, *Lindl.*; *Bot. Mag.* t. 5063. China and Japan.

I. floribunda alba, *Hort.*

I. gerardiana, *Wall.* Himalaya.

I. atropurpurea, *Hort.*

I. coronillaefolia, *Hort.*

I. Dofua, *Bot. Reg.* xxviii. t. 57. (not *Hamilt.*).

I. floribunda, *Hort.*

I. heterantha, *Wall.* (in part).

I. hebeptala, *Benth.* Himalaya.

Wistaria brachybotrys, *Sieb. & Zucc.* *Fl. Jap.* t. 45. Japan.

W. chinensis, *DC.* China.

W. polystachya, *C. Koch.*

Glycine chinensis, *Sims Bot. Mag.* t. 2083.

Var. flore albo.

Var. flore pleno. *Gard. Chron.* 1901 xxix., 403, f. 151.

Var. foliis variegatis.

W. frutescens, *DC.* United States.

Glycine frutescens, *L.*; *Bot. Mag.* t. 2103.

Var. flore albo.

Var. magnifica. *Flore des Serres* ix. t. 1151.

W. japonica, *Sieb. & Zucc.* *Fl. Jap.* t. 43. Japan.

Milletia japonica, *A. Gray.*

W. multijuga, *Van Houtte* Flore des Serres t. 2002. China.

W. grandiflora, *Hort.*

Var. flore albo.

Robinia hispida, *L.*; Bot. Mag. t. 311. South United States. "Rose Acacia."

R. montana, *Bartr.*

R. rosea, *Marsh.*

Var. inermis, *Carr.*

R. complexa, *Hort.*

R. hispida rosea, *Hort.*

R. macrophylla, *Hort.*

R. neomexicana, *A. Gray*; Bot. Mag. t. 7726. Rocky Mountains.

Var. luxurians, *Dieck.*

R. Pseudacacia, *L.*; Loud. Arbor ii. 609, tt. 83–86. Eastern United States. "Locust, Acacia."

Var. amorphifolia.

Var. angustifolia.

R. angustifolia elegans, *Hort.*

R. microphylla, *Hort.*

R. myrtifolia, *Hort.*

R. umbraculifera angustifolia, *Hort.*

Var. aurea.

Var. bella-rosea.

Var. bessoniana.

Var. bessoniana latifolia.

Var. coluteoides.

Var. crispa.

R. Pseudacacia insignis, *Hort.*

R Pseudacacia—cont.

Var. decaisneana, *Carr. Rev. Hort.* 1863, 151, cum. ic.

Var. decaisneana flore rubro.

Var. dubia.

Var. elegans.

Var. fabreana.

Var. fastigiata.

pyramidalis.

stricta.

Var. gigantea.

Var. heterophylla.

Var. inermis.

Var. inermis latifolia.

Var. inermis variegata.

Var. linearis.

Var. mimosaefolia.

Var. monophylla.

unifoliolata.

Var. monophylla fastigiata.

Var. monophylla pendula.

Var. pendula.

Var. pendulifolia purpurea.

Var. Rehderi.

Var. revoluta.

Var. robusta Vignei.

R. elegans, Hort.

R. microphylla, Hort.

R. Pseudacacia—*cont.*

Var. *rosynskiana*.

Var. *semperflorens*.

Var. *tortuosa*.

Var. *ulriciana*.

Var. *variegata*.

R. viscosa, *Vent.* South United States. "Clammy Locust."

R. *glutinosa*, *Curt. Bot. Mag. t. 560.*

Carmichaelia australis, *R. Br.* New Zealand. "Makaka."

Notospartium nanum, *Hort.*

***C. Enysii**, *T. Kirk. Trans. N. Z. Inst. xvi. t. 30.* New Zealand.

C. flagelliformis, *Colenso.* New Zealand.

Notospartium Carmichaeliae, *Hook. f. Bot. Mag: t. 6741.* New Zealand.

Sphaerophysa salsula, *DC.* N. Asia, &c.

Colutea caspica, *Bieb.*

Colutea arborescens, *L.;* *Bot. Mag. t. 81.* Mediterranean region. "Bladder Senna."

C. aurantiaca, *Hort.*

C. arborescens flore luteo, *Hort.*

C. crocea, *Hort.*

Var. *crispa*.

C. cilicia, *Boiss.* Asia Minor.

Var. *bullata*.

C. cruenta, Ait. Orient.

C. arborescens flore rubro, Hort.

C. brevialata, Hort.

C. orientalis, Lam.

C. purpurea, Hort.

C sanguinea, Pall.

C. istria, Mill. Asia Minor

C. halepica, Lam.

C. microphylla, Delile.

C. Pocockii, Ait.

C. procumbens, L'Hérit.

C. longialata, Koehne. Asia Minor.

*C. melanocalyx, Hort. (not Boiss.) Gard. Chron. 1894.
xvi. 155, f.*

C. persica, Boiss. Persia.

Halimodendron argenteum, DC. Siberia, &c. "Salt Tree."

Caragana argentea, Lam.

Robinia Halodendron, L'Hérit.; Bot. Mag. t. 1016.

Var. flore purpureo.

Caragana arborescens, Lam. Siberia, &c.

Caragana inermis, Moench.

C. japonica, Hort.

C. macracantha, Hort.

C. mongolica, Hort.

C. vulgaris, Hort.

Robinia Caragana, L.

Var. nana, Hort.

Var. pendula.

Var. pulverulenta, Hort.

Var. Redowskii (DC.).

C. aurantiaca, Koehne. Central Asia.

C. arenaria, Dippel.

Var. erecta.

C. brevispina, Royle. Himalaya.

C. triflora, Lindl. & Paxt. Flower Garden ii. f. 212.

C. Chamlagu, Lam. China and Japan.

C. chinensis, Turcz.

Robinia Chamlagu, L'Hérit.

R. chinensis, Pers.

C. cuneifolia, Dippel. Central Asia. ?

C. Redowskii, Hort. (not *DC.*).

Robinia Caragana var. arenaria, Bot. Mag. t. 1886.

C. frutescens, DC.; Sweet Brit. Flower Garden t. 227.
South Russia to Japan.

C. cuneata, Moench.

C. digitata, Lam.

C. Frutex, C. Koch.

C. pygmaea, Hort. (not *DC.*).

C. rosea, Turcz.

Robinia frutescens, L.

R. sinensis. Hort.

Var. angustifolia.

Var. grandiflora.

Var. mollis.

Var. pendula.

Var. sylvatica.

C. jubata, Poir.; Gartenflora 1861, t. 331. Siberia.

C. microphylla, *Lam.* Altai and Dauria eastward.

C. Altagana, *Poir.*

C. arborescens arenaria, *Hort.*

Robinia Altagana, *Pall.*

R. glomerata, *Hort.*

C. pygmaea, *DC.*; Bot. Reg. t. 1021. Caucasus to Himalaya.

C. arborescens gracilis, *Hort.*

C. gracilis, *Hort.*

C. spinosa, *DC.* Siberia.

C. spinosissima, *C. Koch.*

Robinia ferox, *Pall.*

R. spinosa, *L.*

C. tragacanthoides, *Poir.* Siberia.

Calophaca wolgarica, *Fisch.*; Watson Dendr. Brit. ii. t. 83. South Russia.

C. nepalensis, *Hort.*

Colutea wolgarica, *Lam.*

Astragalus Echinus, *DC.* Astrag. 197, t. 34. Syria.

A. Tragacantha, *L.*; Watson Dendr. Brit. ii. t. 84. Asia Minor.

Coronilla emeroides, *Boiss.*; Reich. Ic. Flor. Germ. t. 2238. South-east Europe, &c.

C. Emerus, *L.*; Bot. Mag. t. 445, Europe, &c. "Scorpion Senna."

C. pauciflorus, *Lam.*

C. juncea, *L.*; Bot. Reg. t. 820. South Europe.

Hedysarum multijugum, *Maxim.*; Gartenflora t. 1122. Southern Mongolia.

Desmodium bracteosum, DC. North America "Tick-trefoil, Tick-seed."

D. cuspidatum, Hook.

Meibomia bracteosa, O. Kuntze; Britton & Brown Illustr. Flora ii. 317, f.

D. canescens, DC. North America.

Meibomia canescens, O. Kuntze; Britton & Brown Illustr. Flora ii. 317, f.

D. ciliare, DC. North America.

Meibomia obtusa, Vail; Britton & Brown Illustr. Flora ii. 321, f.

D. marylandicum, Boott. North America.

Meibomia marylandica, O. Kuntze; Britton & Brown Illustr. Flora ii. 320, f.

D. paniculatum, DC. North America.

Meibomia paniculata, O. Kuntze; Britton & Brown Illustr. Flora ii. 318, f.

D. tiliaefolium, G. Don. Himalaya.

D. viridiflorum, Beck. United States.

Meibomia viridiflora, O. Kuntze; Britton & Brown Illustr. Flora ii. 319, f.

Lespedeza bicolor, Turcz.; Garden and Forest 1892, 114, f. 18. China and Japan.

Var. *intermedia*.

L. Buergeri, Miq. Japan.

L. capitata, Michx.; Britton & Brown Illustr. Flora ii. 324, f. "Round-headed Bush Clover."

Hedysarum frutescens, Willd.

L. cyrotobotrya, Miq. Japan.

- L. gerardiana**, *R. Grah.* Himalaya.
- L. juncea**, *Pers.* Himalaya, &c.
- L. macrocarpa**, *Bunge.* China.
- L. Sieboldi**, *Miq.*; Garden and Forest 1892, 115, f. 19.
North China and Japan.
L. bicolor, *Hook. f.*; Bot. Mag. t. 6602.
L. bicolor *var.* Sieboldi, *Maxim.*
Desmodium japonicum, *Hort.* (not *Miq.*).
D. penduliflorum, *Oudem.* Gard. Chron. 1883, xx.
749.
D. racemosum, *Sieb. & Zucc.*
- L. violacea**, *Pers.*; Britton & Brown Illustr. Flora ii. 322,
f. "Bush Clover."
- Cladrastis amurensis**, *Benth.*; Bot. Mag. t. 6551. Amur-
land.
Maackia amurensis, *Rupr.*
Var. *Buergeri*, *Hort.*
- C. tinctoria**, *Rafin.* United States. "Yellow Wood."
C. lutea, *C. Koch*; Sargent Silva of North America
tt. 119, 120.
Virgilia lutea, *Michx.*
- Sophora japonica**, *L.*; Andrews Bot. Repos. ix. t. 385.
China.
S. sinica, *Hort.*
Styphnolobium japonicum, *Schott.*
Var. *pendula*.
Var. *variegata*.
- S. Korolkowi**, *Hort.* China.

S. macrocarpa, *Sm.* ; Lodd. Bot. Cab. t. 1125. Chili.
Edwardsia chilensis, *Miers*.

S. pachycarpa, *Schrenk.* Central Asia.
Goebelia pachycarpa, *Bunge*.

***S. secundiflora**, *Lag.* ; Rev. Hort. 1854, 201, t. 11. Mexico.

S. tetraptera, *Ait.* ; Bot. Mag. t. 167. New Zealand.
 "Houma."

Edwardsia grandiflora, *Salisb.*

Var. *microphylla*, *Hook. f.*

Sophora microphylla, *Ait.*

Edwardsia microphylla, *Salisb.*

E. macnabiana, *R. Grah.* Bot. Mag. t. 3735.

S. viciifolia, *Hance.* China.

S. violacea, *Hort.* (not *Thwaites*). China.

Platysprion platycarpum, *Maxim.* Japan.

Sophora platycarpa, *Maxim.*

Styphnolobium platycarpum, *Hort.*

Caesalpinia japonica, *Sieb. & Zucc.* ; Gard. Chron. 1888, iv.
 513, f. 73. Japan.

C. crista, *Thunb.*

C. sepiaria, *Miq.*

Gymnocladus canadensis, *Lam.* ; Loud. Encycl. of Trees
 and Shrubs 256, f. 418. North America. "Ken-
 tucky Coffee Tree."

G. dioicus, *C. Koch* ; Sargent Silva of North America
 tt. 123, 124.

Hyperanthera dioica, *Vahl.*

Var. *foliis variegatis*.

***G. chinensis**, *Baill.* ; Hook. Ic. Pl. t. 1412. China.

Gleditschia aquatica, *Marsh.*; Sargent Silva of North America tt. 127, 128. South United States. "Water Locust."

G. monosperma, *Walt.*

G. inermis, *Miller.*

G. australis, *Hemsl.* Journ. Linn. Soc. xxiii. t. 5. South China.

G. sinensis, *Hort.* (not *Lam.*).

G. Delavayi, *Franch.* Yunnan.

G. japonica, *Miq.*; Sargent Forest Flora of Japan t. 11. Japan.

G. macracantha, *Desf.* China?

G. Fontanesii, *Spach.*

G. sinensis, *Lam.* China, &c.

G. ferox, *Desf.*

G. horrida, *Willd.*

G. macrantha, *Hort.*

G. macrosperma, *Hort.*

Var. nana.

G. inermis, *Hort.*

Var. pendula.

G. texana, *Sargent.* Texas.

G. triacanthos, *L.*; Loud. Arb. et Frut. ii. 650, f. 90-1; Sargent Silva of North America tt. 125, 126. Eastern United States. "Honey Locust."

G. brachycarpa, *Pursh.*

G. Bujoti, *Hort.*

G. caspica, *Hort.* (not *Desf.*).

G. spinosa, *Marsh.*

Var. foliis variegatis.

G. Bujoti pendula.

G. excelsa pendula.

Cassia marylandica, *L.* ; Benth. & Trimen *Medic. Pl.* t. 88.
United States. "Wild or American Senna."

Cercis canadensis, *L.* ; Loud. *Arb. et Frut.* ii. 659, f. 101-3 ;
Sargent *Silva of North America* tt. 133, 134. North
America. "Redbud."

Siliquastrum canadense, *Moench.*

Var. *flore pleno.*

Var. *pubescens.*

C. chinensis, *Bunge.* China and Japan.

C. japonica, *Flore des Serres* t. 849.

C. occidentalis, *A. Gray.* California.

C. californica, *Torr.*

C. reniformis, *S. Watson.* Texas.

C. texensis, *Sargent Silva of North America* t. 135.

C. Siliquastrum, *L.* ; *Bot. Mag.* 1138. Mediterranean
region. "Judas Tree."

Var. *alba.*

Var. *carnea.*

***Albizzia Julibrissin**, *Durraz.* Orient. "Pink Siris."

Acacia Julibrissin, *Willd.*

Mimosa Julibrissin, *Forst.*

Rosaceae.

† AMYGDALUS.

Prunus Amygdalus, *Stokes* ; Benth. & Trim. *Med. Pl.* t. 99.
South Europe, Levant, &c.

Amygdalus communis, *L.* "Almond."

Prunus Amygdalus—cont.

Var. *alba*.

Var. *amara*, *Stokes*. “Bitter Almond.”

Amygdalus communis var. *amara*, *DC*.

A. amara, *Hayn*.

Var. *amara sylvestris*.

Var. *dulcis*, *Stokes*. “Sweet Almond.”

Amygdalus communis var. *dulcis*, *DC*.

Var. *macrocarpa*, *Nichols*.

Amygdalus communis var. *macrocarpa*, *Ser*.

Var. *pendula*.

Var. *pumila*.

Var. *persicoides*, *Nichols*. ? *Amygdalus* × *Persica*.

Persica amygdaloides, *Duham*.

Amygdalus communis var. *persicoides*, *Ser*.

P. Andersoni, *Greene*. Western United States.

P. davidiana, *Franchet* ; *Gard. Chron.* 1892, xi. 529, f. China.

P. Persica var. *davidiana*, *Dipp*.

Persica davidiana, *Carr. Rev. Hort.* 1872, 75, f. 10.

Amygdalus davidiana, *Dieck*.

Armeniaca davidiana, *Hort*.

(The presumed source of the cultivated Peach.)

P. eburnea, *Aitch. & Hemsl.* Persia, &c.

Amygdalus eburnea, *Spach*.

P. incana, *Stev.* ; *Bot. Reg.* xxv. t. 58. Asia Minor, &c.

Amygdalus incana, *Pall*.

A. nana var. *incana*, *Loud*.

Cerasus incana, *Boiss*.

P. Jacquemontii, *Hook. f.*; Bot. Mag. t. 6976. Afghanistan.
&c.

P. humilis, *Brandis* (not *Bunge*).

Amygdalus humilis, *Edgew.*

P. nana, *Stokes*. South Russia, &c. "Russian Almond."

Amygdalus nana, *L.*; Bot. Mag. t. 161.

Var. *alba*.

Var. *georgica*.

Var. *gessleriana*.

***P. orientalis**, *Walp.* Orient.

Amygdalus argentea, *Lam.*

A. orientalis, *Ait.*; Lodd. Bot. Cab. t. 1137.

Cerasus orientalis, *Spach*.

P. Persica, *Stokes*. China, &c. "Peach."

Persica vulgaris, *Mill.*

Amygdalus Persica, *L.*

Var. *camelliaeflora*.

Var. *Chrysanthemum*.

Var. *dianthiflora plena*.

Var. *flore albo pleno*.

Amygdalus prunifolius flore albo, *Hort.*

Var. *flore roseo pleno*.

Amygdalus prunifolius flore pleno, *Hort.*

Var. *foliis aureis*.

Var. *foliis rubris*.

Persica atropurpurea, *Hort.*

Amygdalus Persica foliis rubris, *Flore des Serres*
t. 1986.

Amygdalus atropurpurea, *Hort.*

P. Persica—cont.**Var. Hancei pendula.****Var. ispahanensis.***Amygdalus ispahanensis*, *Thouin*.*A. nectarina*, *Ait.***Var. magnifica.****Pj Simonii**, *Carr.*; *Rev. Hort.* 1872, 111 (coloured plate).
China. "Apricot Plum."*Persica Simonii*, *Lavallée*.*Amygdalus Simonii*, *Dieck*.†† **ARMENIACA.****P. Armeniaca**, *L.* Northern China, &c. "Apricot."*Armeniaca vulgaris*, *Lam.***P. brigantiaca**, *Vill.* South-east France. "Briançon
Apricot."*P. armeniaca* var. *brigantiaca*, *Dippel*.*P. brigantina*, *Nyman*.*Armeniaca brigantiaca*, *Pers.***P. dasycarpa**, *Ehrh.*; *Bot. Reg.* t. 1243. ? Garden Hybrid.
"Black Apricot."*P. Armeniaca* var. *dasycarpa*, *C. Koch*.*Armeniaca atropurpurea*, *Loisel.**A. dasycarpa*, *Pers.**A. fusca*, *Turp. & Poit.***P. Mume**, *Sieb. & Zucc.* *Fl. Jap.* i. 29, t. 11. Japan.
"Mume, Japanese Apricot."*P. Myrobalana* fl. roseis, *Hort. gall.**Armeniaca Mume*, *De Vriese*.**Var. flore pleno.****Var. pendula.**

P. sibirica, *L.* ; Lodd. Bot. Cab. t. 1627. Mongolia.

P. Armeniaca var. *sibirica*, *C. Koch.*

Armeniaca sibirica, *Pers.*

P. tomentosa, *Thunb.* ; Sieb. & Zucc. Fl. Jap. i. 51, t. 22.
China and Japan.

P. trichocarpa, *Bunge?*

Armeniaca tomentosa, *Hort.*

P. triloba, *Lindl.* ; Flore des Serres t. 1532. China.

Amygdalopsis Lindleyi, *Carr.*

Armeniaca triloba, *Hort.*

Prunopsis Lindleyi, *André.*

Var. **Petzoldii**, *Nichols.*

P. Petzoldi, *C. Koch.* Deutsche Garten Zeitung
1886, 257.

P. virgata, *Hort.*

Amygdalopsis virgata, *Hort.*

Amygdalus chinensis, *Hort.*

Armeniaca Petzoldii, *Hort.*

††† PRUNUS.

P. alleghaniensis, *Porter* ; Sargent Silva of North America
t. 153. South United States. "Allegheny Plum."

P. americana, *Marsh* ; Sargent Silva of North America
t. 150. North America. "Wild Yellow or Red
Plum."

P. texana, *Schuele.*

Var. **salicifolia**.

P. angustifolia, *Marshall* ; Sargent Silva of North America
t. 152. South-eastern United States. "Chickasaw
Plum, Mountain Cherry."

P. Chicasa, *Michx.*

Cerasus Chicasa, *Ser.*

***P. baldschuanica*, Regel. Bokhara.**

***P. cerasifera*, Ehrh.; Bot. Mag. t. 5934. ? Caucasus.
"Myrobalan, Cherry Plum."**

P. domestica var. *Myrobalan*, L.

P. mirobalana, Loisel.

Cerasus myrobalanos, Hort.

Var. *angustifolia pendula*, Dieck.

Var. *atropurpurea*, Dieck. Persia.

P. Pissardi, Carr. Rev. Hort. 1881. 190 (coloured plate).

***P. Cocumilio*, Tenore Flora Napolit. t. 144. South Italy.**

***P. communis*, Hudson. Origin uncertain. "Wild Plum."**

P. domestica, L.; Eng. Bot. ed. 3, t. 410.

Var. *claudiana*.

P. claudiana, Poir.

Var. *juliana*. "Prunier de St. Julien."

P. domestica var. *juliana*, DC.

Var. *juliana pendula*.

Var. *pruneauliana*. "Quetsche."

P. domestica var. *pruneauliana*, DC.

P. oeconomica, Borkh.

P. pyramidalis, DC.

Sub-var. *flore pleno*.

P. oeconomica flore pleno.

***P. divaricata*, Ledeb.; Bot. Mag. t. 6319. Caucasus.**

P. cerasifera var. *divaricata*, Bailey.

***P. hortulana*, Bailey; Sargent Silva of North America
t. 151. North America. "Wild Goose Plum."**

P. insititia, *L.* ; Eng. Bot. ed. 3, t. 409. Europe, Orient.
"Bullace."

P. italica, *Borkh. var. flore pleno*. Origin uncertain.
Polypetalia speciosa, *Hort.*

P. maritima, *Wangenh.* ; Britt. & Br. Illustr. Flora ii.
249, f. East United States. "Beach Plum."

P. acuminata, *Michx.* (not *Hook. f.*).

Var. *fructu luteo*.

P. monticola, *C. Koch.* Asia Minor.

P. nigra, *Ait.* ; Sargent Silva of North America t. 149.
North America, &c. "Canada Plum, Red Plum."

P. orthosepala, *Koehne.* Texas.

P. plantierensis, *Hort.* ? A cultivated form of *P. cerasifera*.

P. spinosa, *L.* ; Eng. Bot. ed. 3, t. 408. Europe, North
Asia. "Sloe, Blackthorn."

P. fruticana, *Weihe.*

Var. *flore pleno*.

P. tarda, *Sargent.* Eastern Texas.

P. triflora, *Roxb.* China, &c. "Japanese Plum."

P. japonica, *Hort.* (not *Thunb.*).

P. Watsoni, *Sargent* Garden and Forest 1894, 134 f. 25.
Nebraska to Arkansas. "Sand Plum."

P. angustifolia var. Watsoni, *Waugh.*

†††† CERASUS

P. acida, *Borkh.* Europe.

Cerasus acida, *Dum.*

C. caproniana, *DC.*

P. acida—cont.**Var. dumosa.****Var. flore pleno foliis variegatis.****Var. humilis, Hort.***Cerasus caproniana humilis, Hort.***Var. Marasca.****Var. salicifolia.****Var. semperflorens. "All Saints' Cherry."***P. semperflorens, Ehrh.**Cerasus semperflorens, DC.**C. vulgaris* var. *sempervlorens, Loud. Encycl. 281, f. 449.***Var. umbraculifera.****P. Avium, L.; Eng. Bot. ed. 3, t. 411. Europe, &c.**
"Gean, Mazzard."*Cerasus Avium, Moench.**C. domestica, Hort.**C. dulcis, Gaertn.**C. nigra, Mill.**C. sylvestris, Loud.***Var. asplenifolia.****Var. decumana.***C. macrophylla, Hort.**C. nicotianaefolia. Belgique Horticole 1866, 65, pl. 5, 6.***Var. flore pleno.***Prunus Avium multiplex, Hort.**Cerasus domestica flore pleno, Hort.***Var. juliana.***C. juliana, DC.*

P. Avium—cont.**Var. laciniata.**

C. vulgaris laciniata, *Hort.*

Var. nana.**Var. pendula.**

C. latifolia pendula, *Hort.*

Var. praemorsa.

P. Besseyi, *Bailey*; Britton & Brown Illustr. Flora ii. 251,
f. North-western United States. "Sand Cherry."

P. pumila var. *Besseyi*, *Wagh.*

P. Cerasus, *L.*; Eng. Bot. ed. 3, t. 412. Europe, &c.
"Wild or Dwarf Cherry, Morello Cherry."

P. acida, *Ehrh.*

P. austera, *Ehrh.*

Cerasus acida, *Mill.*

C. vulgaris, *Mill.*

Var. persiciflora.

Cerasus vulgaris var. *persiciflora*, *Loud.*

Var. Rhexii flore pleno. Garten Zeitung 1886, 224,
f. 53-4.

C. caproniana multiplex, *Hort.*

C. caproniana ranunculiflora, *Hort.* Flore des
Serres t. 1805.

C. ranunculiflora, *Hort.*

P. Chamaecerasus, *Jacq.* Icon. Plant. Rar. t. 90. Europe.
"Ground Cherry."

P. fruticosa, *Pall.* Flora Rossica i. t. 19; Revue
Hortic. 1902, 88, t.

P. intermedia, *Poir.*

Cerasus Chamaecerasus, *Loisel.*

C. fruticans, *Hort.*

C. intermedia, *Loisel.*

P. serrulata, Lindl. China and Japan.

P. serratifolia rosea plena, Hort.

Cerasus serrulata, G. Don.; Nichols. Dictionary of Gardening f.

C. carnea plena, Hort.

C. hortensis flore roseo pleno, Hort.

C. juliana rosea, Hort.

C. Sieboldi, Carr.

C. sinensis nova, Hort.

P. subhirtella, Miq.; Bot. Mag. t. 7508. Japan.

P. tortuosa, Dieck. Asia Minor, &c.

Cerasus tortuosa, Boiss. & Heldr.

††††† PADUS.

P. cornuta, Royle. Himalaya.

Cerasus cornuta, Wall.

Padus cornuta, Carr. Rev. Hort. 1869, f. 61.

P. Outhbertii, Small. Central Georgia.

P. demissa, Walp.; Britt. & Br. Illustr. Flora ii. 252, f.

United States.

P. virginiana var. demissa, Torr.

Cerasus demissa, Nutt.

Padus demissa, Roem.

P. emarginata, Walp.; Sargent Silva of North America t. 157. Western United States.

P. pattoniana, Hort.

Cerasus pattoniana, Carr. Rev. Hort. 1872, 135, f.

P. graeca, Desf. (Mahaleb × Avium). Europe.

P. cerasifolia, Hort.

Cerasus fontanesiana, Spach.

P. grayana, Maxim. Japan.

P. Padus *var. japonica*, A. Gray.

P. Maacki, Rupr. Mandshuria.

P. Mahaleb, L. ; Jacq. Fl. Austr. iii. t. 227. Europe, &c
 "Bois de Ste. Lucie, St. Lucie Cherry."

P. cupaniana, Guss.

P. odorata, Lam.

Cerasus Mahaleb, Mill.

Padus Mahaleb, Borck.

Var. chrysocarpa.

Var. globosa.

Var. monstrosa.

Var. pendula.

Var. variegata.

P. Padus, L. ; Eng. Bot. ed. 3, t. 413. Europe, Asia.
 "Bird-Cherry."

Cerasus Padus, DC.

Padus germanica, Borck.

P. racemosa, Lam.

Var. aucubaefolia, Hort.

Var. aurea.

Var. flore pleno.

Var. leucocarpa.

Var. pendula.

Var. pubescens.

Var. rotundifolia, Hort.

P. laucheana, Bolle.

Var. sibirica parviflora.

Var. stricta, Hort.

P. serotina, *Ehrh.* ; Sargent Silva of North America t. 159.
United States. "Rum Cherry, Wild Black Cherry."

P. cartilaginea, *Lehm.*

Padus cartilaginea, *Roem.*

P. serotina, *Agardh.*

Var. asplenifolia.

Var. pendula.

Padus serotina pendula, *Hort.*

Var. salicifolia, *Koehne.* Southern United States,
Mexico, Peru. "Capollin."

P. Capuli, *Cav.*

P. copallina, *Hort.*

P. salicifolia, *H. B. K.*

Cerasus Capollin, *DC.*

C. Capuli, *Ser.* ; *Lavall. Arbor. Segrez.* t. xxxiv.

Padus capulinos, *Hort.*

P. Ssiori, *F. Schmidt.* Sachalin.

P. virginiana, *L.* ; Sargent Silva of North America t. 158.
United States. "Choke Cherry."

P. rubra, *Ait.*

Padus oblonga, *Moench.*

P. serotina, *Roem.*

Cerasus micrantha, *Spach.*

C. virginiana, *Loisel.*

Var. asplenifolia.

Var. nana monstrosa, *Hort.*

††††† LAUROCERASUS.

•**P. caroliniana**, *Ait.* ; Sargent Silva of North America
t. 160. Southern United States. "Wild Orange,
Mock Orange."

***P. caroliniana—cont.**

P. serratifolia, *Marsh.*

Cerasus caroliniana, *Michx.*; Loud. Arbor. ii. 720. f. 423.

Laurocerasus caroliniana, *Roem.*

Padus caroliniana, *Hort.*

***P. ilicifolia**, *Walp.*; Sargent Silva of North America t. 162. Western United States. "Islay, Spanish Wild Cherry."

Cerasus ilicifolia, *Nutt.*; Paxt. Fl. Gard. iii. 44, f. 254.

Laurocerasus ilicifolia, *Roem.*

***Var. integrifolia**, *Sudw.*; Sargent Silva of North America t. 163. "Catalina Cherry."

P. occidentalis, *Hort.* (not *Sw.*).

P. Laurocerasus, *L.*; Benth. & Trim. Med. Pl. t. 98. East Europe, Orient. "Cherry Laurel."

Cerasus Laurocerasus, *Loisel.*

Padus Laurocerasus, *Mill.*

Var. angustifolia.

Var. Bernhardti.

Var. camelliaefolia.

magnoliaefolia.

Var. caucasica. Gard. Chron. 1889, v. 620, f.

Var. colchica. Gard. Chron. 1889, v. 620, f.

Var. compacta.

Var. foliis variegatis.

Var. latifolia.

Var. Otinii.

Var. parvifolia.

Hartogia capensis, *Hort.*

P. Laurocerasus—cont.

Var. *pyramidalis*.

Var. *rotundifolia*.

Var. *salicifolia*..

Var. *schipkaensis*.

Var. *serbica*.

Var. *versailleensis*.

P. lusitanica, L. f. Spain and Portugal. "Portugal Laurel."

Cerasus lusitanica, Loisel.

Padus eglandulosa, Moench.

P. lusitanica, Borck.

Var. *azorica*.

Var. *coriacea*.

Var. *myrtifolia*.

Var. *ormstoniensis*.

Var. *variegata*.

Nuttallia cerasiformis, Torr. & Gray; Gard. Chron. 1883, xix. 309, f. 44. California. "Oso Berry."

Prunus californica, Hort.

Spiraea acutifolia, Willd. Origin uncertain.

S. Aitchisoni, Hemsl.; Gard. Chron. 1900, xxviii. 254, f. 75. Afghanistan.

Sorbaria Aitchisoni, Hemsl.

S. albiflora × pachystachys.

S. alpina, Pall. Fl. Rossica i. 35, t. 20. North-eastern Siberia Asia.

S. arguta, *Zabel*. Garden origin.

S. multiflora alba, *Hort*.

S. assimilis, *Zabel*. (*betulifolia* × *pumila*).

S. bella, *Sims* Bot. Mag. t. 2426. Temperate Himalaya.

S. amoena, *Hort*.

S. callosa indica, *Hort*.

S. Hookeri, *Hort*.

S. ovata, *Hort*.

S. betulifolia, *Pall*. Fl. Ross. i. t. 16. Northern Hemisphere.

S. betulifolia var. rosea.

S. chamaedrifolia var. betulifolia, *Loud*. Arb. et Frut. Brit. ii. 725.

S. splendens, *Hort*.

S. blanda, *Zabel*. (*cantoniensis* × *pubescens*).

S. arctica, *Hort*.

S. Blumei, *D. Don*.; Belgique Horticole 1858, 129, t. China and Japan.

S. chamaedrifolia, *Blume* (not *L.*).

S. rupestris, *Sieb*.

S. brachybotrys, *Lange* (*canescens* × *Douglasi*). Garden Hybrid.

S. luxuriosa, *Lavall*.

S. pruinosa, *Kirchn*.

S. bracteata, *Zabel*. Garten-Zeitung 1886, 21, f. ; Bot. Mag. t. 7429. Japan.

S. nipponica, *Maxim*.

S. rotundifolia alba, *Hort*.

S. brumalis, *Lange*. Garden origin.

S. vaccinifolia, *Hort*. (not *D. Don*).

S. bullata, *Maxim.* Gardener's Magazine, July 31, 1886, 446. Japan.

S. crispifolia, *Hort.*

S. caespitosa, *Nutt.* Rocky Mountains.

Petrophyton caespitosum, *Rydb.*

S. cana, *Waldst. & Kit.* Eastern Europe.

S. hypericifolia, *Hort.* (not *L.*).

S. regeliana, *Hort.* (not *C. Koch.*).

S. canescens, *D. Don.* Himalaya.

S. argentea, *Hort.*

S. cuneata, *Hort.*

S. cuneifolia, *Wall.*

S. cuneifolia glauca, *Hort.*

S. dahurica, *Hort.*

S. decumbens, *Hort.* (not *W. Koch.*).

S. flagellaris, *Hort.*

S. flagelliformis, *Hort.*

S. hypericifolia crenata, *Hort.*

S. indica, *Hort.*

S. lanata, *Hort.*

S. myrtifolia, *Hort.*

S. nepalensis, *Hort.*

S. nivea, *Hort.*

S. nutans, *Royle.*

S. ovalifolia, *Hort.*

S. rhamnifolia, *Hort.*

S. rhombifolia, *Hort.*

S. rotundifolia, *Lindl.*

S. ruscifolia, *Hort.*

S. serrata, *Hort.*

S. serratifolia, *Hort.*

S. Standishi, *Hort.*

S. vacciniifolia, *Hort.* (in part).

S. cantoniensis, *Lour.* China, Japan, and Himalaya.

S. corymbosa, *Roxb.*

S. japonica, *Sieb.* (not *L. f.*).

S. lanceolata, *Poir.*

S. reevesiana, *Lindl.* Bot. Reg. xxx. t. 10.

Var. *flore pleno*.

S. chamaedrifolia, *L.* ; Bot. Reg. xv. t. 1222. Europe, &c.

S. ceanothifolia, *Tausch.*

S. rothomagensis, *Hort.*

S. ulmifolia, *Scop.*

Var. *flexuosa*, *Maxim.* South Siberia, &c.

S. flexuosa, *Fisch.*

Var. *Jakobsenii*.

Var. *subracemosa*.

S. conferta, *Zabel* (*cana* × *crenata*). Garden origin.

S. savranica, *Hort.*

S. conspicua, *Zabel.* Garden hybrid.

S. corymbosa, *Rafin.* ; Lodd. Bot. Cab. t. 671. United States.

S. crataegifolia, *Link.*

S. crenata, *L.* ; Lodd. Bot. Cab. t. 1252. Eastern Europe, &c.

S. crenifolia, *C. A. Meyer.*

S. dasyantha, *Bunge.* China.

S. chinensis, *Maxim.*

S. pubescens, *Lindl.* Bot. Reg. 1847 t. 38.

S. decumbens, *W. Koch* ; Gard. Chron. 1879, xi. 752, f. 108. Europe.

S. procumbens, *Hort.*

S. decumbens—cont.

Var. *tomentosa*, *Poech.* Tyrol, &c.

S. decumbens var. *bellunensis*, *Bizzozero*.

S. Hacqueti, *Fenzl*.

S. lancifolia, *Hoffmansegg*.

S. pubescens, *Hort.* (not *Turcz.*).

S. discolor, *Pursh.* North-west America.

S. ariaefolia, *Smith*; Bot. Reg. t. 1365.

Var. *dumosa*, *S. Watson.* California.

S. dumosa, *Nutt.*

S. Boursieri, *Carr.* Rev. Hort. 1859, 519, f. 108.

S.]Douglasi, *Hook.* Bot. Mag. t. 5151. North-west America.

S. tomentosa argentea, *Hort.*

S. Douglasi × *superba*. Garden origin.

S.]expansa, *Wall.* Himalaya.

S. kumaonensis, *Hort.*

S. Fontanesii, *Billiard.* (*canescens* × *salicifolia*).

S. gemmata, *Zabel.* China.

S. Henryi, *Hemsl.* Journ. Linn. Soc. xxiii. t. 6. Central China.

S. hypericifolia, *L.* Northern Hemisphere.

S. thalictroides, *Pall.*

S. inflexa, *C. Koch.* (*crenata* × *mollis*).

S. intermedia, *Lemoine* (*japonica alba* × *Douglasii*).

S. japonica, *L. f.* India, China, and Japan.

S. bellioides, *Hort.*

S. callosa, *Thunb.*

S. Fortunei, *Planch.*; Bot. Mag. t. 5164.

S. japonica—cont.**Var. alba.**

S. albiflora, *Miquel*.

S. callosa flore albo.

S. lanceolata, *Hort.* (not *Poir.*).

Var. Bumalda.

S. Bumalda, *Hort.*; *Revue de l'Hort. Belge* 1891.
xvii. 12.

Var. Froebelii.**Var. glabrata, Nichols.**

S. glabrata, *Lange*.

Var. macrophylla, Zabel.

S. Fortunei macrophylla, *Hort.*

Var. ruberrima.

S. ruberrima, *C. Koch*.

Var. superba.

S. callosa superba, *Hort.*

S. laevigata, L. Siberia, &c

Sibiraea laevigata, *Maxim.*

S. lindleyana, Wall.; Bot. Reg. xxxi. 33. Himalaya, &c.

Sorbaria lindleyana, *Maxim.*

**S. longigemmis, Maxim.; Garden and Forest 1894, 345,
f. 56. China.****S. Margaritae, Zabel. (japonica × superba).****S. media, F. Schmidt. Europe, &c.**

S. confusa, *Reg. & Korn.*

S. oblongifolia, *Waldst.*

Var. glabrescens, Zabel.

S. Menziesii, *Hook.* North-western America.

Var. *angustifolia*, *Zabel.*

Var. *Billiardii*, *Hort.*

Var. *eximia*, *Hort.*

Var. *lenneana*, *Hort.*

Var. *macrothyrsa*, *Zabel.*

Var. *ovalifolia*, *Zabel.*

Var. *pseudo-Douglasii*, *Zabel.*

Var. *triumphans*, *Hort.*

S. microthyrsa, *Zabel.* (*salicifolia* × *media*).

S. Millefolium, *Torr.*; *Garden and Forest* 1889, 509, f. 137;
Bot. Mag. t. 7810. California, &c.

S. mongolica, *Maxim.* Mongolia and China.

S. nivea, *Hort.* (*canescens* × *expansa*).

Var. *albo-carnea*.

S. nobleana, *Hook.* *Bot. Mag.* t. 5169. California.

S. californica, *Hort.*

S. paniculata rosea, *Hort.*

S. sanssouciana, *C. Koch.*

S. syringiflora, *Hort.*

S. notha, *Zabel.* (*corymbosa* × *latifolia*).

Var. *supercorymbosa*.

Var. *superlatifolia*.

S. pikoviensis, *Besser.* (*crenata* × *media*).

S. Nicoudierti, *Bosc.*

S. prunifolia, *Sieb & Zucc.* China and Japan.

Var. *flore pleno*. *Fl. Jap.* t. 70.

- S. pubescens*, *Turcz.*; *Garden and Forest* 1888, 331, f. China, &c.
S. chinensis, *Hort.*
- S. pulchella*, *Kunze.* (*bella* × *expansa*).
- S. revirescens*, *Zabel.* (*expansa* × *japonica*).
 Var. *parviflora*, *Zabel.*
- S. salicifolia*, *L.* Eastern Europe to Japan.
 Var. *floribus albis.*
 Var. *floribus roseis.*
 Var. *latifolia*, *Zabel.*
S. carpinifolia, *Willd.*
S. latifolia, *Borkh.*
 Var. *paniculata*, *Maxim.* North America.
S. alba, *Du Roi*; *Gard. Chron.* 1879, xi. 753, f. 109.
S. lanceolata, *Borkh.*
 Var. *minor.*
- S. Schinabecki*, *Zabel* (*chamaedrifolia* × *trilobata*). Garden origin.
- S. semperflorens*, *Hort.* (*japonica* × *salicifolia*).
- S. sorbifolia*, *L.*; *Bailey Cyclopedic of Amer. Horticulture* iv. 1686, f. Himalaya to Japan, &c.
S. floribunda, *Hort.*
S. Foxii, *Hort.*
S. Pallasii, *Hort.*
S. pinnata, *Michx.*
Sorbaria sorbifolia, *A. Br.*
- S. Thunbergi*, *Sieb & Zucc.* *Fl. Jap.* t. 69. China and Japan.
S. Thompsoni, *Hort.*
- S. tomentosa*, *L.*; *Britt. & Br. Illustr. Fl.* ii. 196, f. United States. "Hardhack, Steeple-Bush."

S. trilobata, *L.*; *Garden and Forest* 1888, 452, f. 71.
North Asia.

S. crenata *var. sublobata*, *Regel.*

S. hypericifolia trilobata, *Hort.*

S. rupestris, *Hort.* (not *Sieb.*).

S. thalictroides, *Hort.* (not *L.*).

S. tristis, *Zabel.* Origin unknown.

S. Hookeri, *Hort.*

S. vacciniifolia, *D. Don.* Himalaya.

S. laxiflora, *Lindl.*

S. venustus, *Kit. & Bouché.*

S. Van Houttei, *Briot.* (*cantoniensis* × *trilobata*). *Garden and Forest* 1889, 317, f. Garden origin.

Neillia amurensis, *Benth & Hook.* Amurland, &c.

Physocarpus amurensis, *Maxim.*

Spiraea amurensis, *Maxim.*

N. capitata, *Greene.* California.

Physocarpus capitatus, *O. Kuntze.*

Spiraea capitata, *Pursh.*

S. opulifolia var. mollis, *Hook.*

N. malvacea, *Greene.* Rocky Mountains, &c.

N. Torreyi, *Hook f. Bot. Mag. t. 7758.*

N. opulifolia, *Benth. & Hook.* North America. "Nine-Bark."

Physocarpus opulifolius, *Maxim.*

Spiraea opulifolia, *L.*; *Loud. Arb. et Frut. ii. 723, f. 427-8.*

Var. inebrians.

Physocarpus opulifolius var. inebrians, *Zabel.*

Spiraea inebrians, *Hort.*

Var. lutea.

N. sinensis, *Hemsl.* ; Hook. Icon. Plant. t. 1540. Central China.

N. thyrsiflora, *D. Don* ; Rev. Hort. 1888, 416, f. 95-96. Himalaya.

N. Torreyi, *S. Watson* ; Garden and Forest 1889, 4, f. 84. California.

Physocarpus monogynus, *Coulter*.

P. Torreyi, *Maxim.*

P. pauciflorus, *Zabel*.

Spiraea monogyna, *Torr.*

S. opulifolia var. *pauciflora*, *Torr & Gray*.

Stephanandra flexuosa, *Sieb & Zucc.* China and Japan.

Spiraea incisa, *Thunb.*

Stephanandra incisa, *Zabel*.

S. Tanakae, *Franch. & Sav.* ; Bot. Mag. t. 7593. Japan.

Neillia Tanakae, *Franch. & Sav.*

Exochorda grandiflora, *Lindl.* ; Garden February 24, 1877, col. plate. China.

Amelanchier racemosa, *Lindl.*

Spiraea grandiflora, *Hook.* Bot. Mag. t. 4765.

E. Alberti, *Regel.* Descr. Pl. Nov. fasc. ix. t. 13. Turkestan.

E. Korolkowi, *Lavall.*

Albertia simplicifolia, *Regel.*

Kerria japonica, *DC.* ; Bot. Reg. t. 1873. China.

Corchorus japonicus, *Thunb.*

Var. *flore pleno*, Bot. Mag. t. 1296.

Var. *foliis argenteis variegatis*.

Var. *foliis aureis variegatis*.

Rhodotypos kerrioides, *Sieb & Zucc.* ; Bot. Mag. t. 5805. China and Japan.

Neviusia alabamensis, *A. Gray*; Bot. Mag. t. 6806. Alabama.

***Quillaja Saponaria**, *Molini*; Rev. Hort. 1873, 253, f. 27. Chili.

***Eucryphia Billardieri**, *Spach* var. *Milligani*, *Hook. f.* Bot. Mag. t. 7200. Tasmania.

***E. cordifolia**, *Cav.*; Gard. Chron. 1897, xxii. 247, f. Chili.

E. pinnatifolia, *Gay*; Bot. Mag. t. 7067. Chili.

Rubus affinis, *Weihe & Nees* Die Deutschen Brombeerstr. t. 3. Europe.

R. Arrhenii, *Lange*. Europe.

***R. australis**, *Forst.*; *Hook. f.* Flora of New Zealand, i. t. 14. New Zealand. "Tataramoa."

R. balfourianus, *Blox.* Europe.

R. Bellardi, *Weihe* var. *dentatus*. Europe.

R. biflorus, *Buchan.* Temperate Himalaya.

R. Bloxami, *Lees.* Europe.

R. boreanus, *Genev.* Europe.

R. Borreri, *Salter* var. *dentatifolius*, *Briggs.* Europe.

R. caesius, *L.*; Eng. Bot. ed. 3, t. 456. Europe. "Dewberry."

R. calvatus, *Blox.* Europe.

R. canadensis, *L.*; *Britt. & Br. Illustr. Fl.* ii. 205, f. North America. "Low Blackberry."

R. chroösepalus, *Focke*; *Hook. Icon. Plant.* t. 1952. Central China.

- R. cinerosus**, *Rogers*. Britain.
 R. pulcherrimus *var. setosus*, *A. Ley*.
- R. Colemani**, *Blox*. Europe.
- R. cordifolius**, *Bab.* (not *Waldst. & Kit.*). Europe.
- R. coreanus**, *Miq.* China and Corea.
- R. corylifolius**, *Sm.*; *Eng. Bot.* ed. 3, t. 455. Europe.
- R. crataegifolius**, *Bunge*. North-east Asia and Japan.
- R. cuneifolius**, *E. Merc.* (not *Pursh*). Europe.
- R. deliciosus**, *James*; *Bot. Mag.* t. 6062. Rocky Mountains.
- R. dumetorum**, *Weihe & Nees* *Die Deutsch. Brombeerstr.* t. 45a. Europe.
- R. dumnoniensis**, *Bab.* Britain (Devonshire).
- R. echinatus**, *Lindl.* Europe.
 R. rudis, *Bab.* (not *Weihe & Nees*).
- R. erythrinus**, *Genev.* Europe.
- R. exsecatus**, *Muell.* Europe.
- R. foliosus**, *Weihe & Nees* *Die Deutsch. Brombeerstr.* t. 28. Europe.
 R. derasus, *Lej. & Muell.*
 R. flexuosus, *P. J. Muell.*
 R. Guentheri, *Bab.*
 R. saltuum, *Focke.*
- R. fuscus**, *Weihe & Nees*. Europe.
- R. glandulosus**, *Bell.*; *Eng. Bot.* ed. 3, t. 454. Europe.
 R. griffithianus, *Rogers*. Britain.
- R. Henryi**, *Hemsl.*; *Hook. Icon. Plant.* t. 1705. Central China.
- R. hispidus**, *L.*; *Britt. & Br. Illustr. Fl.* ii. 203, f. North America.
 R. obovalis, *Michx.*

R. horridus, *Schultz.* Europe.

R. dumetorum var. *ferox*, *Weihe & Nees.*

R. hystrix, *Weihe & Nees* Die Deutsch. Brombeerstr. t. 41.
Europe.

R. ichangensis, *Hemsl. & Kuntze.* Central China.

R. Idaeus, *L.* ; Eng. Bot. ed. 3, t. 442. Europe, West Asia.
"Wild Raspberry."

Var. *Leesii*, *Bab.* ; Eng. Bot. ed. 3, t. 443. South-west
Britain.

R. imbricatus, *F. Hort.* Britain.

R. innominatus, *S. Moore.* China.

R. insularis, *F. Aresch.* Scandinavia.

R. irenaeus, *Focke.* Central China.

R. Koehleri, *Weihe & Nees* ; Eng. Bot. ed. 3, t. 453.
Europe.

R. kuntzeanus, *Hemsl.* Central China.

R. laciniatus, *Willd.* ; Journal of Horticulture, December
20, 1883, 533, f. 105. Garden origin.

R. laciniatus elegans, *Hort.*

R. laciniatus minor, *Hort.*

R. Quintlandii, *Hort.*

R. lasiostylus, *Focke* ; Hook. Ic. Pl. t. 1951. China.

R. lentiginosus, *Lees.* Europe.

R. cambricus, *Focke.*

R. leucodermis, *Dougl.* North-west America.

R. leucostachys, *Sm.* ; Eng. Bot. ed. 3, t. 448. Europe.

Var. *gymnostachys*, *Genev.*

R. macrothyrsos, *J. Lange.*

R. macrothyrsus, *N. E. Brown.*

R. lindleyanus, *Lees.* Britain.

R. longithyriger, *Lees*. Britain.

R. pyramidalis, *Bab.*

R. macrophyllus, *Weihe & Nees*; Eng. Bot. ed. 3, t. 450.

R. macrostemon, *Focke*. Germany.

R. melanolasius, *Focke*; *Neuh. Gart. Magaz.* 1899, 14. North America.

R. mercurius, *Bagnall* var. *chrysoxylon*, *Rogers*. Wales.

R. micans, *Gren. & Godr.* Europe.

R. adscitus, *Genev.*

R. morifolius, *Sieb.* Japan.

R. mucronatus, *Blox.* Britain.

R. mucronulatus, *Syme* Eng. Bot. ed. 3, t. 451.

R. mutabilis, *Genev.* Europe.

R. neglectus, *Peck*; *Britton & Brown Illustr. Flora*, ii. 201, f. United States.

R. nobilis, *Regel.* (*odoratus* × *Idaeus*). Garden origin.

R. nepalensis, *Hort.*

R. nutans, *Wall.*; *Bot. Mag.* t. 5023. Himalaya.

R. nutkanus, *Moc.*; *Bot. Mag.* t. 3543. North America.
"Salmon-berry."

R. occidentalis, *L.*; *Loud. Arb. et Frut.* ii. 736, f. 451.
North-west America. "Thimble-berry."

Var. *albus*.

R. odoratus, *L.*; *Bot. Mag.* t. 323. North America.
"Purple-flowering Raspberry."

R. opacus, *Focke.* Europe.

R. pallidus, *Weihe & Nees.* Europe.

R. palmatus, *Thunb.* ; Bot. Mag. t. 7801. Japan, China.

R. coptophyllus, *A. Gray*.

R. incisus, *Hort.* (not *Thunb.*).

* **R. Parkeri**, *Hance*. East and Central China.

R. parvifolius, *L.* China and Japan.

R. chinensis, *Thunb.*

R. purpureus, *Bunge*.

R. triphyllus, *Thunb.*

R. phoenicolasius, *Maxim.* ; Bot. Mag. t. 6179. China and Japan.

R. pileatus, *Focke*. Central China.

R. Playfairii, *Hemsl.* Central China.

R. pubescens, *Auct. Angl.* Britain.

R. pulcherrimus, *Neuman*. Europe.

R. Purchasi, *Blox.* Britain.

R. Radula, *Weihe* ; Eng Bot. ed. 3, t. 452. Europe.

R. melanoxydon, *Bloxam*.

Var. *anglicanus*, *Rogers*.

R. ramosus, *Blox.* Britain.

R. rhamnifolius, *Weihe & Nees* ; Eng. Bot. ed. 3, t. 446. Europe.

Var. *flore pleno*.

R. rhenanus, *Muell.* Europe.

R. scaber, *Weihe & Nees* Die Deutsch. Brombeerstr. t. 32. Europe.

R. silvaticus, *Weihe & Nees* Die Deutsch. Brombeerstr. t. 15. Europe.

***R. sorbifolius**, *Maxim.* China, &c.

R. spectabilis, *Pursh* ; Bot. Reg. t. 1424. California, &c.

- R. spectabilis** × **Idaeus**. Garden hybrid.
- R. Sprengelii**, *Weihe & Nees* Die Deutschen Brombeerstr. t. 10. Europe.
- R. strigosus**, *Michx.*; Britt. & Br. Illustr. Fl. ii. 200, f. North America. "Wild Red Raspberry."
- R. suberectus**, *Anders.*; Eng. Bot. ed. 3, t. 444. Europe.
- R. thyrsiflorus**, *Weihe & Nees* Die Deutsch. Brombeerstr. t. 34. Europe.
- R. thyrsiger**, *Bab.* Britain.
- R. thyrsoides**, *Wimm.* Europe.
- Var. *flore pleno*.
 R. rosaeflorus coronarius, *Hort.*
 R. fruticosus albus, *Hort.*
- R. tomentosus**, *Borck.* Europe.
- R. triflorus**, *Richards.*; Hook. Fl. Bor. Amer. t. 62. North America.
 R. americanus, *Britton*; Britt. & Br. Illustr. Fl. ii. 201, f.
- R. trivialis**, *Michx.*; Britton & Brown Illustr. Flora ii. 204, f. United States. "Low Bush Blackberry."
- R. ulmifolius**, *Schott.* Europe.
 R. dalmaticus, *Guss.*
 R. discolor, *Bab.* (not *Weihe & Nees*).
 R. rusticanus, *Merc.*; Eng. Bot. ed. 3, t. 447.
- Var. *flore pleno*.
 R. bellidiflorus, *C. Koch.*
- Var. *foliis variegatis*.
- Var. *inermis*.
 R. inermis, *Hort.*
- Var. *leucocarpus*.
 R. fruticosus, *L. var. leucocarpus*, *Ser.*

R. ursinus, *Cham. & Schlecht.* North America.

R. villicaulis, *Weihe & Nees* Die Deutsch. Brombeerstr.
t. 17. Europe.

Var. *elegans*.

Var. *Selmeri*, *Rogers.* Europe.

R. affinis, *Blox.*

R. Selmeri, *Lindb.*

R. villosus, *Ait.* ; *Britt. & Br. Illustr. Fl.* ii. 202, f. North
America. "High Blackberry."

Var. *flore pleno*.

R. xanthocarpus, *Bur. & Franch.* North China.

Purshia tridentata, *DC.* ; *Bot. Reg.* t. 1446. North-west
America.

***Chamaebatia foliolosa**, *Ben'h.* ; *Bot. Mag.* t. 5171. Cali-
fornia.

Cercocarpus ledifolius, *Nutt.* ; *Hook. Ic. Plant.* t. 324
Western North America. "Mountain Mahogany."

Var. *angustifolius*.

***C. parvifolius**, *Nutt.* California.

Oowania mexicana × **Purshia tridentata**.

Dryas octopetala, *L.* ; *Eng. Bot.* ed. 3, t. 460. Arctic and
alpine regions of North Temperate Zone. "Mountain
Avens."

Var. **Drummondi**, *S. Watson.* North America.

D. Drummondi, *Hook.* ; *Bot. Mag.* t. 2972.

***Fallugia paradoxa**, *Endl.*; Pot. Mag. t. 6660. California, &c.

F. mexicana, *Walp.*

Sieversia paradoxa, *D. Don.*

Potentilla davurica, *Nestl.* China, &c.

P. glabra, *Lodd. Bot. Cab.* t. 914.

P. fruticosa var. *davurica*, *Lehm.*

P. Friedrichseni, *Späth.* (*davurica* × *fruticosa*). Garden origin.

P. fruticosa, *L.*; Eng. Bot. ed. 3, t. 436. Northern Hemisphere.

P. floribunda, *Pursh.*

P. micrandra, *Kcehne.* Origin uncertain.

P. salesoviana, *Steph.*; Bot. Mag. t. 7258. Siberia, &c.

Comarum Salessowii, *Bunge.*

***Margyricarpus setosus**, *Ruiz & Pav.* Chili, &c.

Rosa acicularis, *Lindl. Monogr.* t. 8. Siberia, &c.

R. carelica, *Fries.*

Var. *nipponensis*, *Hook. f. Bot. Mag.* t. 7646. Japan.

R. nipponensis, *Crép.*

R. agrestis, *Savi.* Europe, &c.

R. sepium, *Thuill.*; Eng. Bot. ed. 3, t. 470.

Var. *belgradensis*, *Nichols.*

R. belgradensis, *Panç.*

Var. *inodora.*

R. inodora, *Fries*; *Flora Danica* t. 2906.

R. alba, *L.* (? *canina* × *gallica*). Andrews Roses t. 10.
Europe, &c.

Var. *suaveolens*, *Dieck*; Gartenflora 1889, 128.

R. Alberti, *Regel.* Turkestan.

R. alpina, *L.*; Bot. Reg. t. 424. Europe.

R. inermis, *Mill.*

R. pendulina, *L.*

Var. *pyrenaica*, *Gouan*; Bot. Mag. t. 6724.

R. alpina × *indica*. "Boursault Rose."

R. anemonaeflora, *Fortune.* (*multiflora* × *laevigata* ?).
China.

R. arvensis, *Huds.*; Engl. Bot. ed. 3, t. 426. Europe.
"Ayrshire Rose."

R. repens, *Scrp.*

Var. *Andersonii*, *Hort.*

Var. *capreolata*; Bot. Mag. t. 2054.

R. capreolata, *Neill.*

Var. *flore pleno*.

Var. *variegata*.

***R. Banksiae**, *R. Br.* China. "Banksian Rose."

R. inermis, *Roxb.*

Var. *flore albo pleno*; Bot. Mag. t. 1954.

Var. *lutea*; Bot. Mag. t. 7171.

R. beggeriana, *Schrenk*; Linn. Soc. Journ. xix. t. 7. Asia.

R. afghanica, *Hort.*

R. anserinaefolia, *Boiss.*

Var. *nigrescens*.

Var. *Schrenki*.

R. blanda, *Ait.* North America.

R. fraxinifolia, *Borck.* ; Bot. Reg. t. 458.

R. lucida, *Hort.* (not *Ehrh.*).

Var. **arkansana**. Western United States.

R. arkansana, *Porter.*

Var. **Sayi**.

R. Sayi, *Schwein.*

Var. **setigera**.

Var. **willmottiana**, *Baker.*

R. bourbonia, *Roessig.* (*indica* × *gallica*). Garden origin
"Bourbon Rose."

R. canina burboniana, *Réd.* Les Roses iii. t. 105.

***R. bracteata**, *Wendl.* ; Bot. Mag. t. 1377. China. "Ma-
cartney Rose."

R. lucida, *Laur.* Roses t. 84.

R. macartnea, *Hort.*

R. bracteata × **laevigata**. Garden origin.

R. alba odorata, *Hort.*

R. bracteata flore pleno, *Hort.*

R. byzantina, *Dieck.* Eastern Europe, &c.

R. californica, *Cham. & Schlecht.* Western North America.

Var. **flore pleno**.

Var. **nana**.

Var. **ultramontana**.

R. calocarpa, *André.* (*rugosa* × *indica*).

R. rugosa calocarpa ; Rev. Hortie 1891, 129, f. 35

R. canina, L. North Temperate Zone. "Dog-rose"

Var. *Allionii*, *Rouy & Fouc.* Alpes Maritimes.

R. *Allionii*, *Burnat & Gremli.*

Var. *andegavensis*, *Baker.*

R. *andegavensis*, *Bastard.*

Var. *arvatica*, *Baker.*

Var. *Bakeri*, *Baker.*

R. *Bakeri*, *Déségl.* ; Engl. Bot. ed 3, t. 473.

Var. *complicata.*

R. *complicata*, *Gren.*

R. *glauca* var. *complicata*, *H. Braun.*

R. *Reuteri* var. *complicata*, *Christ.*

Var. *coriifolia*, *Baker* ; Engl. Bot. ed. 3, t. 472.

R. *coriifolia*, *Fries.*

Var. *dumetorum*, *Baker.*

R. *dumetorum*, *Thuill.*

Var. *glauca*, *Desv.*

R. *canina* var. *Reuteri*, *Baker.*

R. *glauca*, *Vill.*

Var. *lutetiana*, *Baker.*

R. *lutetiana*, *Leman.*

Var. *obtusifolia.*

R. *obtusifolia*, *Desv.*

Var. *pruinosa*, *Baker.*

Var. *Scheutzii.* Scandinavia.

R. *mollis* var. *Scheutzii*, *R. Keller.*

Var. *subcristata*, *Baker.*

Var. *tomentella*, *Baker.*

R. *tomentella*, *Leman.*

Var. *urbica*, *Baker.*

R. *dumetorum* var. *urbica*, *Christ.*

R. *urbica*, *Leman.*

R. carolina, *L.*; Lindl. Monogr. t. 4. North America.

R. corymbosa, *Ehrh.*

R. hudsoniana, *Red.*

R. pennsylvanica, *Michx.*

Var. nuttalliana.

R. nuttalliana, *Hort.*

R. cinnamomea, *L.*; Lindl. Monogr. t. 5. North Temperate Zone.

R. davurica, *Pall.*

R. gorenkensis, *Fisch.*

R. majalis, *Herrm.*

Var. flore pleno.

Var. glandulifolia, *Crépin.*

Var. sibirica.

R. damascena, *Miller*; Red. Roses i. t. 137 (*gallica* × *moschata*?). East Europe, Orient. "Damask Rose."

Var. trigintipetala.

R. gallica var. *trigintipetala*, *Dieck*; Gard. Chron. 1890, vii. 45, f. 8.

Var. variegata. "York and Lancaster Rose."

R. Duponti, *Déségl.* (*gallica* × *moschata*).

R. moschata var. *nivea*.; Bot. Reg. t. 861.

R. nivea, *Dupont* (not *DC*).

R. elymaitica, *Boiss.* Persia.

R. Engelmannii, *S. Wats.*; Garden and Forest 1889, 376, t. 121. Western North America.

R. fedtschenkoana, *Regel*; Bot. Mag. t. 7770. Turkestan.

R. Fendlerii, *Crép.* New Mexico.

R. ferox, *Bieb. Cent. Pl. Rar. t. 37* (not *Ait.*). Caucasus, &c.

R. horrida, *Fisch.*

R. foliolosa, *Nutt.*; *Garden and Forest* 1890, 101, f. 22.
North America.

***R. fortuneana**, *Lindl.*; *Lindl. & Paxt. Fl. Gard. t. 171.*
China. (*Banksiae* × *laevigata*.)

R. fulgida, *Hort.* (*Gloire des Rosomanes*).

R. gallica, *L.*; *Bentl. & Trim. Med. Plants t. 104.* South
and Central Europe.

Var. centifolia, *Koehne.*

R. centifolia, *L.*; *Bentl. & Trim. Med. Pl. t. 105.*

Var. cuprea.

Var. incarnata.

R. incarnata, *Hook. f. Bot. Mag. t. 7035* (not *Mill.*).

Var. maxima.

Var. muscosa. "Moss Rose."

R. muscosa, *Mill.*

R. provincialis muscosa; *Bot. Reg. t. 53.*

Var. nana.

Var. pomponia.

R. nana muscosa; *Andrews Roses t. 65.*

R. pomponia, *DC.*

Var. provincialis. "Provence Rose."

R. provincialis, *Mill.*; *Andrews Roses t. 22.*

Var. pumila, *Braun.*

R. pumila, *Jacq. Fl. Austr. ii. t. 198.*

Var. versicolor, *Sims Bot. Mag. t. 1794.*

R. Rosa-mundi, *Hort.*

Var. violacea.

R. geminata, *Rau* (*gallica* × *arvensis*) Red. Les Roses ii. t. 83. Europe.

R. hybrida, *Schleich*.

***R. gigantea**, *Crép.*; Gard. Chron. 1889, vi. 13, f. 4. Burma,

R. glutinosa, *Sibth. & Sm.* Fl. Graec. t. 482. Orient.

R. dalmatica, *Kerner*.

R. gymnocarpa, *Nutt.*; Bot. Mex. Bound. t. 24 Western North America.

Var. **pisocarpa**.

R. pisocarpa, *A. Gray*; Bot. Mag. t. 6857.

R. pisiformis, *Hort*.

R. Hardii, *Cels frères*; Gard. Chron. 1885, xxiv. 468, f. 101. (*simplicifolia* × *involucrata*.)

R. hemisphaerica, *Herrm.* Persia and Asia Minor.

R. glaucophylla, *Ehrh.*

R. Rapinii, *Boiss.*

R. sulphurea. *Ait.*; Andrews Roses t. 91; Bot. Reg. t. 46.

R. heterophylla, *Cochet* (*rugosa alba* × *lutea*); Journ. Soc. Nat. d'hort. France 1897, 778, f.

R. hibernica, *Sm.*; Eng. Bot. ed. 3, t. 463. (*spinosissima* × *canina*?) England and Ireland.

Var. **glabra**, *Baker*.

Var. **Grovesii**, *Baker*.

R. humilis, *Marsh.*; Britt. & Br. Illustr. Fl. ii. 231, f. North America.

R. parviflora, *Ehrh.*

R. microcarpa, *Hort*.

Var. **triloba**; Garden and Forest 1889, 77, f. 93.

R. indica, L. (in part). China. "Monthly Rose."

R. chinensis, Jacq. f.

R. chinensis var. indica, Koehne.

Var. fragrans, Red. Les Roses i. 61.

R. indica odoratissima, Lindl. Bot. Reg. t. 804.

Var. minima. "Fairy Rose."

R. lawranceana, Sweet; Bot. Reg. t. 538.

R. semperflorens var. minima, Sims Bot. Mag. t. 1762.

Var. monstrosa.

R. sempervirens monstrosa, Hort.

Var. sanguinea. "Crimson China Rose."

Var. semperflorens.

R. bengalensis, Pers.

R. semperflorens, Curt.; Bot. Mag. t. 284.

***R. involucrata, Roxb.;** Bot. Reg. t. 739. India.

R. clinophylla, Thory.

R. Lyellii, Lindl. Monogr. t. 1.

R. palustris, Hamilt.

R. involuta, Sm.; Eng. Bot. ed. 1, t. 2068. Europe.

R. spinosissima x tomentosa?

Var. Sabini, Baker.

R. Sabini, Woods; Eng. Bot. ed. 3, t. 465.

Var. Wilsoni, Baker. (*spinosissima x mollis?*)

R. Wilsoni, Borrer; Eng. Bot. ed. 3, t. 464.

R. Iwara, Sieb. (*rugosa x multiflora*). Japan.

R. Jundzillii, Besser. Europe.

R. trachyphylla, Rau.

**R. laevigata*, Michx. China. "Cherokee Rose."

R. Camellia, Hort.

R. camelliaefolia, Hort.

R. cherokeeensis, Donn.

R. hystrix, Lindl.

R. nivea, DC.

R. sinica, Murr.; Bot. Mag. t. 2847; Bot. Reg. t. 1922.

R. ternata, Poir.

R. triphylla, Roxb.

Var. *Anemone*. Rev. Hort. 1901, 548.

laevigata × *indica*?

R. laxa, Retz. Siberia.

**R. leschenaultiana*, Thory & Red. India.

R. lutea, Miller; Bot. Mag. t. 363. Orient. "Austrian Briar."

R. chlorophylla, Ehrh.

R. Eglanteria, L. (in part.).

R. foetida, Allioni.

Var. *bicolor*, Bot. Mag. t. 1077.

R. punicea, Miller.

R. macrantha, Hort. (*gallica* × *canina*) Rev. Hort. 1901, 548, t. Europe.

R. macrophylla, Lindl. Monogr. t. 6. Himalaya, China.

R. Malyi, Kerner. Tyrol. (*alpina* × *spinosissima*?)

R. micrantha, Sm.; Eng. Bot. ed. 3, t. 469. Europe.

Var. *Briggsi*, Baker. South of England.

R. microphylla, Roxb.; Bot. Mag. t. 6548. China.

R. chlorocarpa, Regel.

Var. *flore pleno*.

R. mollis, *Sm.* Europe.

R. ciliato-petala, *Besser.*

R. mollissima, *Fries.* ; Eng. Bot. ed. 3, t. 466.

R. villosa, *L.* (in part).

Var. **albo-vittata**.

R. moschata, *Herrm.* ; South Europe to India. "Musk Rose."

R. Brownii, *Spreng.*

R. Brunonii, *Lindl.* ; Bot. Mag. t. 4030.

R. Brunonis, *Wall.*

Var. **flore pleno**.

Var. **Pissarti**. Persia.

R. Pissarti, *Carr.* Rev. Hort. 1880, 314, 5.

R. Pissardi, *Carr.*

R. Nasturana, *Christ.*

R. multiflora, *Thunb.* ; Bot. Mag. t. 7119. China and Japan.

R. dubia, *Carr.* Rev. Hort. 1868, 269.

R. intermedia, *Carr.* Rev. Hort. 1868, 270, ff. 29, 30.

R. polyantha, *Sieb. & Zucc.*

R. simplex, *Hort.*

Var. **flore pleno**.

Var. **Thunbergii**, *Hort.*

R. multiflora × *indica*. Garden origin.

R. polyantha, *Hort.* (not *Sieb. & Zucc.*).

R. multiflora × *moschata*. Garden origin.

R. polyantha grandiflora, *Hort.*

R. nitida, *Willd.* ; *Lindl. Monogr.* t. 2. North America.

R. noisettiana, *Red.* (*indica* × *moschata*). Redouté Roses ii. 77. Garden origin. "Noisette Rose."

R. floribunda, *Andrews.*

R. nutkana, *Presl.*; Garden and Forest 1888, 449. North America. "Wasatch Rose."

R. parviflora, *Ehrh.*; Bot. Reg. t. 452. Garden origin. "Rose de Meaux."

R. burgundica, *Rössig*; Redouté Roses t. 133.

R. remensis, *Desf.*

R. pendulina, *L.* (spinosissima \times alpina). Europe.

R. gentilis, *Sternb.*

R. reversa, *Waldst. & Kit.*

R. rubella, *Sm.* Eng. Bot, ed. 3, t. 462.

R. stricta, *Muhl.*

R. phoenicea, *Boiss.* Orient.

R. pomifera, *Herrm.*; Bot. Mag. t. 7241. Gard Chron. 1886, xxv. 237, f. 45. Europe. "Apple Rose."

R. macrocarpa, *Hort.*

R. villosa *var.* *pomifera*, *Desv.*

R. rubiginosa, *L.*; Eng. Bot. ed. 3, t. 468. Europe. "Eglantine or Sweet Briar."

R. Eglanteria, *Miller* (not *L.*).

R. suaveolens, *Pursh.*

Var. major.

R. rubrifolia, *Vill.*; Bot. Reg. t. 430. Mountains of Europe.

R. ferruginea, *Hort.*

R. pyrenaica, *Hort.* (not *Gouan.*).

R. romana, *Hort.*

R. rubicunda, *Hall. f.*

R. ruga, *Lindl.* Bot. Reg. t. 1389. (arvensis \times indica). Garden origin.

R. rugosa, *Thunb.* Japan.

R. Andreae, *Lange*.

R. ferox, *Lawr.* ; Bot. Reg. t. 420.

R. regeliana, *Linden & André*.

Var. *alba*, Garden May 13, 1876.

Var. *flore pleno*.

Var. *floribunda*.

Var. *glabriuscula*.

Var. *kamchatica*.

R. kamchatica, *Vent.* ; Bot. Reg. t. 419.

R. rugosa × **General Jacqueminot**. (Mrs. Anthony Waterer).

R. sancta, *A. Rich.* Abyssinia.

***R. sempervirens**, *L.* ; Bot. Reg. t. 465. South Europe, &c.

R. longicuspis, *Bert.*

R. prostrata, *DC.*

R. scandens, *Mill.*

R. Seraphini, *Viviani* ; Bot. Mag. t. 7761. Corsica, Sardinia, &c.

R. apennina, *Woods.*

R. cretica var. *Seraphini*, *Wallr.*

R. parvifolia, *Sanguin.*

R. sericea, *Lindl.* Monogr. t. 12. India.

R. tetrapetala, *Royle.*

R. setigera, *Michx.* North America. "Prairie Rose."

R. rubifolia, *R. Br.* ; Lindl. Monogr. t. 15.

***R. simplicifolia**, *Salisb.* ; Gard. Chron. 1885, xxiv. f. 100.
Orient.

R. berberifolia, *Pall.* ; Bot. Mag. t. 7096.

R. persica, *Otto Kunze*.

Hultheimia berberifolia, *Dum.*

Lowea berberifolia, *Lindl.* .

R. spinosissima, *L.* ; Eng. Bot. ed. 3, t. 461. Europe and
Siberia. "Scotch or Burnet Rose."

R. pimpinellifolia, *L.*

R. scotica, *Mill.*

Var. altaica.

R. altaica, *Willd.*

R. grandiflora, *Lindl.* Bot. Reg. t. 888.

R. cistiflora, *Hort.*

Var. flore luteo pleno.

Var. fulgens, *Hort.*

Var. Harrisoni.

R. lutea Harrisoni, *Hort.*

Var. hispida.

R. hispida, *Sims.* Bot. Mag. t. 1570.

R. lutescens, *Pursh* ; *Lindl.* Monogr. t. 9.

R. spinosissima luteola, *Andrews* Roses ii. t. 128.

Var. lutea.

R. ochroleuca, *Hort.* (not *Waitz.*).

Var. myriacantha.

R. myriacantha, *DC.* ; *Lindl.* Monogr. t. 10.

Var. penicillata, *Hort.*

Var. picta, *Hort.*

Var. rubra. *Andrews* Roses t. 124.

Var. venulosa, *Hort.*

R. spinulifolia, *Dematra*; Red. Les Roses t. 7. Switzerland.

R. alpina × *tomentosa*.

R. stylosa, Desv. *var. evanida*, *Christ.* South England.

C. canina × *arvensis* ?

R. tomentosa, *Sm.*; Eng. Bot. ed. 3, t. 467. Europe.

Var. dimorpha.

R. dimorpha, *Besser.*

Var. scabriuscula, *Baker.*

Var. sylvestris, *Lindl.*

Var. woodsiana, *Groves.*

R. virginiana, *Mill.* Eastern United States.

R. lucida, *Ehrh.*; Red. Les Roses i. 45, t.

Var. alba.

Var. flore pleno.

R. Rapa, *Bosc*; Red. Les Roses ii. 7.

R. watsoniana, *Crép.*; Garden and Forest 1890, 477, t. 59.
Japan.

R. webbiana, *Wall.*; Royle Illustr. t. 42. Himalaya.

R. wichuraiana, *Crép.*; Garden and Forest 1891, 569, f.
China and Japan.

R. Luciae, *Hook. f.* Bot. Mag. t. 7421.

R. wichuraiana rubra, *Hort.* (*wichuraiana* × *Crimson Rambler*) Rev. Hort. 1901, 20, t.

R. xanthina, *Lindl.*; Bot. Mag. t. 7666. Persia, Afghanistan, &c.

R. Ecae, *Aitch. & Hemsl.* Journ. Linn. Soc. xix. t. 8.

R. platyacantha, *Schrenk.*

† PYROPHORUM.

Pyrus amygdaliformis, *Vill.* South Europe, &c.

- *P. cuneifolia*, *Guss.*
- P. eriopleura*, *Reichb.*
- P. nivalis*, *Lindl.* Bot. Reg. t. 1484 (not *Jacquin*).
- P. oblongifolia*, *Spach.*
- P. parviflora*, *Desf.*
- P. pyrainia*, *Rafin.*
- P. salicifolia*, *Hort.*

Var. **oblongifolia**.

P. oblongifolia, *Spach.*

P. auricularis, *Knoop.* (*Aria* × *communis*). Europe.

- P. bollwylleriana*, *DC.*
- P. irregularis*, *Moench.*
- P. Pollveria*, *L.* ; *Lodd. Cab.* t. 1009.
- P. pollvilleriana*, *Pourph.*
- P. pollwylleriana*, *Decne.*
- P. tomentosa*, *Moench.*
- Lazarolus Pollverii*, *Medic.*

P. Balansae, *Decne.* Jard. Fruit. du Muséum t. 6. Persia.

P. betulaefolia, *Bunge* ; Jard. Fruit. du Muséum t. xx.
China and Japan.

P. canescens, *Spach* ; Jard. Fruit. du Muséum t. xix.
Origin uncertain.

P. communis, *L.* ; Eng. Bot. ed. 3, t. 488. Europe, Asia.
"Wild Pear."

P. scandinavica, *Hort.*

Var. **cotinifolia**.

Var. **fascicularis**.

Var. **jaspidea**.

Var. **pendula**.

P. cordata, *Desv.*; Jard. Fruit. du Muséum t. iii. Europe, &c.

P. boissieriana, *Buhse*.

P. communis *var. azarolifera*, *Durieu*.

P. communis *var. Briggsii*, *Boswell*.

P. elaeagrifolia, *Pall.*; Decne. Jard. Fruit. du Muséum t. 17. Caucasus, Asia Minor.

P. communis *var. elaeagrifolia*, *Hort*.

P. pubescens, *Hort*.

P. glabra, *Boiss.* Persia.

P. syriaca *var. glabra*, *Wenzig*.

P. heterophylla, *Regel & Schmal.*; Gard. Chron. 1890, vii. 115. Asia.

Var. **Koopmannii**.

P. longipes, *Coss. & Durieu*; Jard. Fruit. du Muséum t. iv. Algeria.

P. malifolia, *Spach*; Jard. Fruit. du Muséum t. xxxii. Hybrid origin.

P. Michauxi, *Bosc*; Jard. Fruit. du Muséum t. 16. Asia?

P. persica, *Hort*. (not *Pers.*).

P. praecox, *Hort*.

P. nivalis, *Jacq.*; Jard. Fruit. du Muséum t. xxi. Levant, &c.

P. salvifolia, *DC.*; Bot. Reg. t. 1482.

Var. **variegata**.

P. Pashia, *Buch.-Ham.*; Jard. Fruit. du Muséum t. vii. India.

P. nepalensis, *Hort*.

P. variolosa, *Wall*.

P. salicifolia, *L.* ; Jard. Fruit. du Muséum t. xii. Levant.
P. orientalis, *Hort.*

Var. **pendula**.

P. sinaica, *Thouin* ; Jard. Fruit. du Muséum t. xv. Asia Minor.

P. sinensis, *Lindl.* Bot. Reg. t. 1248 ; Gard. Chron. 1900, xxviii. 298, f. China. "Sand Pear."

P. chinensis, *Roxb.*

P. communis var. **sinensis**, *C. Koch.*

P. japonica, *Hort.*

P. Sieboldii, *Carr.*

P. ussuriensis, *Maxim.*

Var. **Simonii**, *Dieck.*

P. Simonii, *Carr.*

P. Tschonoskii, *Maxim.* ; Garden and Forest 1894, 54, f. 9. Japan.

†† MALUS.

P. angustifolia, *Ait.* ; Sargent Silva of North America t. 169. United States.

P. coronaria var. **angustifolia**, *Wenzig.*

Malus sempervirens, *Desf.*

M. microcarpa **sempervirens**, *Carr.*

P. baccata, *L.* ; Bot. Mag. t. 6112. Himalaya, &c. to Japan.
 "Siberian Crab."

P. sibirica, *Hort.* (in part).

P. tartarica, *Hort.*

Malus baccata, *Desf.*

M. cerasifera, *Spach.*

M. rossica, *Medic.*

Var. **pendula**.

P. coronaria, *L.*; Bot. Mag. t. 2009. Eastern United States. "American Crab Apple."

Crataegus coronaria, *Salisb.*

Malus coronaria, *Mill.*

M. microcarpa var. *coronaria*, *Carr.* Rev. Hort. 1884, f. 24.

Var. *flore pleno*.

P. angustifolia flore pleno, *Hort.*

P. denticulata, *Lavall.* ? China.

P. floribunda, *Nichols.* Japan.

P. Toringo × *baccata*, *Dieck.*

Malus floribunda, *Sieb.*; Garden, October 14, 1876.

M. microcarpa var. *floribunda*, *Carr.*

Var. *atrosanguinea*.

Var. *citrifolia polypetala*, *Hort.*

P. halliana, *Voss.* Origin uncertain.

P. floribunda flore pleno, *Hort.*

P. Parkmanii, *Hort.*

Malus halleana, *Koehne.*

P. ioensis, *L. H. Bailey.* United States.

P. coronaria var. *ioensis*, *Wood*; Sargent Silva of North America t. 168. "Prairie States Crab."

P. Malus, *L.*; Eng. Bot. ed. 3, tt. 489, 490. Europe, &c. "Crab Apple."

Malus communis, *Lam.*

M. sylvestris, *Mill.*

Var. *astracantha*.

P. astracantha, *DC.*

Var. *coccinea*.

P. Malus—cont

Var. *dioica*.

M. dioica, *Moench*.

Var. *flexilis*.

Var. *flore albo pleno*.

Var. *mitis*, *Wallr*.

Var. *monstrosa*.

Var. *nervosa*.

Var. *pendula*.

Var. *rosea*.

P. niedzwetzkyana, *Dieck*. Caucasus.

P. Malus var. niedzwetzkyana, *Hort*.

P. orthocarpa, *Nichols*. Japan.

Malus edulis, *Hort*.

M. orthocarpa, *Lavall*.

P. prunifolia, *Willd.*; Bot. Mag. t. 6158. Siberia, &c.

P. sibirica, *Hort*. (in part).

Malus hybrida, *Desf*.

M. prunifolia, *Spach*.

Var. *cerasiformis*.

Var. *chlorocarpa*.

Var. *flore pleno*.

Var. *fructu coccineo*.

Var. *fructu dulcis*.

Var. *intermedia*, *Regel*.

Var. *pendula*.

Var. *xanthocarpa*.

P. Ringo, Maxim. Japan.

Malus microcarpa var. Ringo, Carr.

M. Ringo, Sieb.

Var. *fastigiata bifera*, Hort.

Var. *sublobata*, Zabel.

P. rivularis, Dougl.; Sargent Sylva of North America iv. 77, t. 170. North California to Alaska. "Oregon Crab Apple."

P. diversifolia, Bong.

P. fusca, Rafin.

P. subcordata, Ledeb.

Malus diversifolia, Roem.

M. rivularis, Roem.

M. subcordata, Roem.

Var. *integrifolia*, Zabel.

P. Scheideckeri, Spath. (*prunifolia* × *floribunda*). Garden origin.

P. Malus var. *Scheideckeri*, Hort.

P. floribunda var. *Scheideckeri*, Hort.

P. sikkimensis, Hook. f. Bot. Mag. t. 7430. India.

P. baccata indica, Hort.

P. spectabilis, Ait.; Bot. Mag. t. 267. China and Japan.

P. japonica floribunda, Hort.

Malus chinensis, Hort.

M. sinensis, Dum.

M. spectabilis, Desf.

Var. *flore albo*.

Var. *flore pleno*.

Var. *Kaido*.

P. spectabilis × *Ringo*?

Pyrus pyramidalis grandiflora, Hort.

P. Toringo, *Sieb.* Japan.

P. Malus Toringo, *Hort.*

P. Sieboldi, *Regel.*

Malus microcarpa *var. Toringo*, *Carr.*

M. rivularis, *Dougl. var. Toringo*, *Dieck.*

M. spectabilis *var. Toringo*, *Lavall.*

Sorbus Toringo, *Sieb.*

Var. major, *Hort.*

P. Toringo × **spectabilis flore pleno**.

P. Tenorei carnea plena, *Hort.*

††† ARIA.

Pyrus alnifolia, *Franch & Sav.*; Bot. Mag. t. 7773. Japan and China.

Aria tiliaefolia, *Decne.*

Crataegus alnifolia, *Sieb. & Zucc.*

Sorbus alnifolia, *Hort.*

P. alpina, *Willd.* (*arbutifolia* × *Aria*). Garden origin.

P. densiflora, *Hort.*

Aronia densiflora, *Spach.*

Sorbus alpina, *Hedlund.*

Var. compacta.

Var. superaria.

P. Aria, *L.*; Eng. Bot. ed. 3, t. 482. North Temperate Zone. "White Beam."

P. badensis, *Hort.*

P. meridionalis, *Guss.*

P. odorata, *Hort.*

Aria nivea, *Host.*

Azarolus Aria, *Borkh.*

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P. Aria—cont.

Mespilus Aria, *Scop.*

Pirenia Aria, *Clairv.*

Var. angustifolia, *Lindl.*

Var. arioides.

Sorbus arioides, *Michalet.*

Var. chrysophylla, *Hort.*

Var. flabelliformis.

P. edulis, *Wats. Dendr. Brit. i. t. 52* (not *Willd.*).

Crataegus Aria *var. flabelliformis*, *Spach.*

C. corymbosa, *Desf.*

Sorbus Aria rotundifolia, *Hort.*

S. corymbosa, *Lodd.*

S. flabellata, *Hort.*

Var. graeca, *Boiss.*

P. Aria, *Sibth. Fl. Graeca t. 474.*

Sorbus graeca, *Lodd.*

S. nivea, *Hort.* (not *Host.*).

Var. lutescens.

Sorbus Aria lutescens, *Hort.*

Var. quercoides, *Hort.*

Var. salicifolia, *Hort.*

P. Aria longifolia, *Hort.*

P. Sorbus argentea, *Hort.*

Sorbus argentea, *Hort.*

Var. sulphurea.

Sorbus Aria, *Crantz.*

S. sulphurea, *Hort.*

Var. undulata, *Lindl.*

P. Chamaemespilus, L. Alps of Europe.Aria Chamaemespilus, *Host.*Aronia Chamaemespilus, *Pers.*Crataegus Chamaemespilus, *Jacq. Fl. Austr. iii. t. 231.*Mespilus Chamaemespilus, *L.*Sorbus Chamaemespilus, *Crantz.***P. crataegifolia, Targ. Tozz.; Bot. Mag. t. 7423.** North Italy.Cormus florentina, *Decne.*Crataegus florentina, *Zuccagni.*Malus crataegifolia, *Koehne.*Mespilus florentina, *Bertol.*Sorbus florentina, *Nym.***P. decaisneana, Nichols.** Origin unknown.Aria decaisneana, *Lavall. Arb. Segrez. t. xviii.***P. glabrata, Hort.** Origin uncertain.Sorbus glabrata, *Hort. Vrat.***P. Hostii, Hort.** Austrian Alps. (Aria × Chamaemespilus.)P. sudetica, *Tausch.*Aria Hostii, *Jacq. f.*Hahnia Hostii, *Dippel.***P. intermedia, Ehrh.** Europe.P. scandica, *Aschers. ; Eng. Bot. ed. 3, t. 484.*P. sorbifolia, *Hort.*P. Sorbus corymbiflora, *Hort.*P. suecica, *Roehl.*Aria scandica, *Decne.*Sorbus Mougeoti, *Godr.*S. quercifolia, *Hort.*S. scandica, *Fries.*

P. lanata, *D. Don.* Himalaya.

Sorbus majestica, *Hort.*

P. pinnatifida, *Ehrh.*; *Gard. Chron.* 1883, xx. 493. Europe.

P. Aria var. *fennica*, *Hook. f.*

P. fennica, *Bab.*

Sorbus fennica, *Kalm.*

S. hybrida, *L.*

S. sambucifolia, *Hort.* (not *Cham. & Schlecht.*).

Var. *fastigiata*.

P. rotundifolia, *Bechst.* Europe.

P. Aria-torminalis, *Irm.*

P. atrovirens, *Hort.*

P. decipiens, *Bechst.*

P. latifolia, *Syme.*

P. semilobata, *Bechst.*

Aria latifolia, *Spach.*

Crataegus dentata, *Thuill.*

C. hybrida, *Bechst.*

C. latifolia, *Lam.*

Sorbus atrovirens, *Hort.*

S. latifolia, *Pers.*

S. torminali-hybrida, *Godr.*

P. rupicola, *Syme* *Eng. Bot. ed. 3, t. 483.* Britain.

Sorbus oblongifolia, *Reichb.*

P. Torminalis, *DC.*; *Eng. Bot. ed. 3, t. 481.* Europe.
"Wild Service."

Crataegus Torminalis, *L.*

Sorbus Torminalis, *Crantz.*

Torminaria Clusii, *Roem.*

T. vulgaris, *Schur.*

P. trilobata, DC. Syria.

Cormus trilobata, Decne.

Crataegus trilobata, Labill.

Sorbus trilobata, Boiss.

P. vestita, Wall. India.

P. Aria nepalensis, Hort.

P. crenata, Lindl. Bot. Reg. t. 1655 (not D. Don).

P. nepalensis, Hort.

P. Thomsoni, Hort. (not King).

Aria dentata, Hort.

A. lanata, Decne.

Sorbus magnifica, Hort.

S. nepalensis, Hort.

S. vestita, Lodd.

†††† SORBUS.

Pyrus americana, DC. Sargent Silva of North America iv. tt. 171-2. North America. "American Mountain Ash."

P. Sorbus polonica, Hort.

Sorbus americana, Marsh.

S. Aucuparia var. americana, Pers.

S. humifusa, Rafin.

Var. fructu albo.

Var microcarpa, Torr. & Gray.

Pyrus microcarpa, Spreng.

Sorbus americana var. microcarpa, Wenzig.

S. microcarpa, Pursh.

S. riparia, Rafin.

Var. nana.

Pyrus Aucuparia, *Gaertn.*; Eng. Bot. ed. 3, t. 486. Northern Hemisphere. "Mountain Ash or Rowan-tree."

Aucuparia sylvestris, *Medic.*

Mespilus Aucuparia, *All.*

Pirenia Aucuparia, *Clairv.*

Sorbus Aucuparia, *L.*

Var. *asplenifolia*.

Var. *Backhousei*.

Var. *discolor*.

Var. *dulcis*.

Var. *fastigiata*.

Var. *fructu luteo*.

Var. *Hodginsii*.

Var. *moravica*.

Var. *pendula*.

Var. *pendula Dawsonii*.

Var. *pendula variegata*.

Var. *satureifolia*, *Hort.*

P. hybrida, *Moench* Verz. ausländ. Bäume und Stauden 90, f. 6 (*arbutifolia* × *Aucuparia*). Garden origin.

P. spuria, *DC.*

Amelanchier pinnata, *Hort.*

Aronia sorbifolia, *Spach.*

Crataegus sorbifolia, *Desf.*

Mespilus sorbifolia, *Poir.*

Sorbus heterophylla. *C. Koch.*

S. spuria, *Pers.*

Var. *pendula*.

P. lanuginosa, *DC.* Eastern Europe.

Pyrus hybrida lanuginosa, *Hort.*

Sorbus lanuginosa, *Kit.*

P. microphylla, *Wall.* Himalaya.

P. minima, *Ley.* Journal of Botany 1897, t. 372. Britain.

Sorbus minima, *Hedlund.*

P. neuillyensis, *Hort.* (*Aucuparia* × *hybrida* ?). Garden origin.

Sorbus neuillyensis, *Dippel.*

P. sambucifolia, *Cham. & Schlecht.*; Sargent Silva of North America tt. 173, 174. North-eastern Asia, North America.

P. Sorbus, *Gaertn.* Europe. "Service Tree."

P. domestica, *Sm.*; Gard. Chron. 1876, vi 649, f. 125.

P. serrulata, *Hort.*

Cormus domestica, *Spach.*

Mespilus domestica, *All.*

Sorbus domestica, *L.*

Var. *maliformis*, *Lodd.*

Var. *pyritiformis*, *Lodd.*

P. thianschanica, *Regel* Gartenflora 1891, 8. Eastern Asia.

Sorbus thianschanica, *Rupr.*

††††† ADENORACHIS.

Pyrus arbutifolia, *L. f.* North America. "Choke-berry."

Aronia pirifolia, *Pers.*

A. arbutifolia, *Medic.*; Britt. & Br. Ill. Fl. ii. 236, f.

Azarolus arbutifolia, *Borkh.*

Sorbus arbutifolia, *C. Koch.*

P. nigra, *Sargent* Garden and Forest 1890, 416. North America.

††††† PSEUDOCYDONIA.

P. Delavayi, *Franch.* Yunnan.

††††††† MESPILUS.

Pyrus germanica, *Hook. f.* Europe, Asia. "Medlar."

Mespilus domestica, *Gater.*

M. germanica, *L.* ; *Eng. Bot.* ed. 3, t. 478.

M. vulgaris, *Reichb.*

P. lobata, *Nichols.* Garden origin ?

Crataegus grandiflora, *C. Koch.*

C. lobata, *Bosc.*

Mespilus grandiflora, *Sm.*

M. lobata, *Poir.* ; *Bot. Mag.* t. 3442.

M. Smithii, *DC.*

**Cydonia, cathayensis*, *Hemsl.* ; *Hook. Ic. Plant.* tt. 2657, 2658. China.

Pyrus cathayensis, *Hemsl.*

C. japonica, *Thunb.* China and Japan. "Japanese Quince."

C. japonica, *Pers.*

C. lagenaria, *Loisel.*

C. speciosa, *Sweet.*

Chaenomeles japonica, *Lindl.*

Malus japonica, *Andr. Bot. Rep.* t. 462.

Var. *camelliaefolia*.

Pyrus japonica, *Pers.* ; *Bot. Mag* t. 692.

Var. *candicans*.

Var. *luteo-viridis*.

Var. *Moerloesi*.

Var. *nivalis*.

C. japonica—cont.

Var. princeps.

Var. sulphurea perfecta.

Var. versicolor lutescens.

C. Maulei, *T. Moore* ; Florist and Pomologist 1875, 49, 1t. Japan.

Chaenomeles alpina, *Koehne*.

C. Maulei, *Lavall*.

C. Sargentii, *Lemoine*.

Pseudo-chaenomeles Maulei, *Carr*.

Pyrus japonica var. *alpina*, *Maxim*.

P. japonica var. *pygmaea*, *Maxim*.

P. Maulei, *Masters Gard. Chron.* 1874, i. 756, 159.
Bot. Mag. t. 6780.

Var. alba.

Var. atrosanguinea.

Var. superba.

•**C. sinensis**, *Thouin* ; *Rev. Hort.* 1889, 228, t. China.
“Chinese Quince.”

Chaenomeles chinensis, *Koehne*.

Pyrus chinensis, *Sprengel*.

P. sinensis, *Poir*.

C. vulgaris, *Pers*. Native Country unknown. “Quince.”

C. chinensis, *Linell*. *Bot. Reg.* t. 905.

Pyrus Cydonia, *L.* ; *Bentl. & Trim. Med. Plants.* t. 106.

Var. lusitanica.

C. lusitanica, *Mill*.

Var. maliformis.

C. maliformis, *Mill*.

Sorbus Cydonia, *Crantz*.

Crataego-mespilus Dardari, Simon Louis. Graft Hybrid.

Crataegus acutiloba, Sargent. United States and Canada.

C. coccinea var. indentata, Hort.

C. altaica, Ledeb.; Lange Revis. Spec. Crat. t. 5. Altai Mountains.

C. purpurea var. altaica, Loud. Arb. et Fruit. Brit. ii. 823, f. 583.

C. sanguinea var. incisa, Regel.

C. sanguinea var. xanthocarpa, Regel.

C. ambigua, Becker. Russia.

C. anomala, Sargent. Northern United States and Canada.

C. apiifolia, Michx.; Sargent Silva of North America t. 188. South United States. "Parsley-leaved Thorn."

C. aprica, Beadle. South-eastern United States.

C. arnoldiana, Sargent. Massachusetts.

C. Azarolus, L. Orient, &c.

C. Aronia, Lindl. Bot. Reg. t. 1897.

C. pontica, C. Koch.

C. triloba, Pers.

Mespilus Azarolus, Poir.

M. Aronia, Spach.

Var. macrocarpa.

C. Boyntoni, Beadle. North Carolina.

C. berberifolia, Torr & Gray. South United States.

C. Crus-galli var. berberifolia, Sargent Silva of North America t. 179.

C. canadensis, Sargent. Canada.

C. Canbyi, Sargent. South-eastern United States.

C. Carrièrei, Vauvel. Garden origin.

C. hybrida Carrièrei, *Hort.*

C. Lavalléi, Herincq. Arb. Segr. t. 7.

C. mexicana Carrièrei, *Hort.*

C. olivaeformis, Hort.

Mespilus Carrièrei, *Hort.*

C. champlainensis, Sargent. Northern United States and Canada.

C. chlorosarca, Maxim. Mandshuria.

C. mandschurica, Hort.

C. sanguinea var. Schröderi, *Regel Gartenflora* 1880, 219.

C. coccinea, L. ; Sargent *Silva of North America* t. 189. Eastern United States. "Scarlet Haw."

C. acerifolia, Hort.

Mespilus coccinea, Marsh.

Var. flabellata, Britton ; Britt. & Br. Illustr. Fl. ii. 242, f.

Var. rotundifolia, Sargent.

C. coccinea, Lindl. Bot. Reg. t. 1957. (not *L.*)

C. glandulosa, Aiton.

C. horrida, Medic.

C. rotundifolia, Moench. ; Britt. & Brown Illustr. Fl. ii. 243, f.

Mespilus glandulosa, Ehrh.

M. rotundifolia, Du Roi.

Var. maxima.

C. collina, Chapman. Southern Appalachian foot-hill region.

C. cordata, *Ait.*; Bot. Reg. t. 1151. North America.
"Washington Thorn."

C. acerifolia, *Moench.*

C. flexispina, *Hort.*

C. populifolia, *Walt.*

Mespilus acerifolia, *Burgsd.*

M. cordata, *C. Koch.*

***C. crenulata**, *Roxb.*; Bot. Reg. 1844, t. 52. Himalaya.

C. Pyracantha var. *crenulata*.

Mespilus crenulata, *D. Don.*

Pyracantha crenulata, *Roem.*

C. Crus-galli, *L.*; Sargent Silva of North America t. 178.
North America. "Cockspur Thorn, Newcastle Thorn."

C. germanica, *Hort.*

C. lucida, *Miller.*

C. watsoniana, *Roem.*

Mespilus cuneifolia, *Moench.*

M. lucida, *Ehrh.*

M. watsoniana, *Spach.*

Var. *arbutifolia*, *Hort.*

Var. *Downingii*.

C. Downingii, *Hort.*

Var. *fontanesiana*, *Wenzig.*

C. bosciana, *Roem.*

Mespilus bosciana, *Spach.*

M. fontanesiana, *Spach.*

Var. *linearis*, *DC.*

C. linearifolia, *Hort.*

C. linearis, *Pers.*

C. stipulacea microphylla, *Hort.*

C. Crus-galli—cont.

Mespilus linearis, *Desf.*

M. lucida *var. angustifolia*, *Ehrh.*

Var. ovalifolia, *Lindl.* Bot. Reg. t. 1860.

C. ovalifolia, *DC.*

Mespilus elliptica, *Guimpel.*

M. ovalifolia, *Hornem.*

M. prunellifolia, *Poir.*

Var. prunifolia, *Torr. & Gray.*

C. caroliniana, *Lodd.*

C. ingestria, *Lodd.*

C. prunifolia, *Lindl.* Bot. Reg. t. 1868.

Mespilus prunifolia, *Poir.*

Var. pyracanthifolia, *Ait.*

C. coursetiana, *Roem.*

C. Crus-galli *var. salicifolia*, *Ait.*

C. nana, *DC.*

C. salicifolia, *Hort.*

Mespilus Crus-galli *var. salicifolia*, *Hayne.*

M. nana, *Dum.*

M. salicifolia, *C. Koch.*

Var. splendens, *Lodd.*

C. splendens, *Hort.*

Mespilus badiata, *Bosc.*

C. cuneata, *Sieb. & Zucc.*; Arbor. Segrez. t. v. Japan.

C. alnifolia, *Hort.* (not *Sieb. & Zucc.*).

C. spathulata, *Hort.* (not *Michx.*).

Mespilus cuneata, *C. Koch.*

C. densiflora, *Sargent.* Northern United States and Canada.

C. dippeliana, *Lange* Revis. Spec. Crat. t. 10. Origin uncertain.

C. celsiana, *Dippel*.

C. leeana, *Hort*.

C. tanacetifolia var. *leeana*, *Hort*.

C. Douglasii, *Lindl.* Bot. Reg. t. 1810. Western North America.

C. punctata var. *brevispina*, *Dougl.*

C. rivularis, *Brewer & Watson* (not *Nuttall.*).

C. sanguinea, *Nutt.*

C. sanguinea var. *Douglasii*, *Torr. & Gray.*

Var. *rivularis*, *Sargent* Silva of North America t. 176.

C. macnabiana, *Hort.*

C. rivularis, *Nuttall.*

Mespilus rivularis, *Wenzig.*

C. dsungarica, *Zabel.* Northern Asia.

C. pinnatifida var. *songarica*, *Dippel.*

C. durobrivensis, *Sargent.* Western New York.

C. fecunda, *Sargent.* Missouri.

C. elliptica, *Hort.*

C. flava, *Ait.*; *Sargent* Silva of North America t. 189. South-eastern United States. "Yellow Haw."

C. carolina, *Pers.* (not *Lodd.*).

C. flava var. *lobata*, *Lindl.* Bot. Reg. t. 1932.

C. glandulosa, *Ait.* (not *Willd.*).

C. turbinata, *Pursh.*

Mespilus caroliniana, *Poir.*

M. flava, *Willd.*

M. flexispina, *C. Koch* (not *Moench.*).

M. turbinata, *Spreng.*

Var. *elliptica.*

- C. Heldreichii**, *Boiss.* Greece.
- C. heterophylla**, *Flügge*; Bot. Reg. t. 1161 and 1847.
Orient.
- C. Azarolus* var. *heterophylla*, *Regel.*
- C. monogyna* var. *heterophylla*, *Hort.*
- C. multiflora*, *Hort.*
- C. Oxyacantha* var. *heterophylla*, *Hort.*
- Mespilus Aronia*, *Wats.* Dendr. Brit. t. 165 (not *Willd.*).
- M. constantinopolitana*, *Hort.*
- M. heterophylla*, *C. Koch.*
- C. hiemalis**, *Lange* Revis. Spec. Crat. t. 9. Origin uncertain.
- C. Crus-galli* × *pentagyna*, *Koehne.*
- Var. *pubescens*, *Dippel.*
- C. integriloba**, *Sargent.* Northern United States and Canada.
- C. intricata**, *Lange* Revisio Spec. Crat. t. 1. North America.
- C. Korolkowi**, *L. Henry* Rev. Hortic. 1901, 308 t. Central Asia.
- C. lambertiana**, *Lange* (*nigra*? × *sanguinea*). Garden Origin.
- C. laurentiana**, *Sargent.* Canada.
- C. lobulata**, *Sargent.* Western New England.
- C. macracantha**, *Lodd.* United States.
- C. coccinea* var. *macracantha*, *Dudley.*
- C. glandulosa*, *Willd.* (not *Aiton*). Bot. Cab. t. 1012.
- C. glandulosa* var. *macracantha*, *Lindl.* Bot. Reg. t. 1917.
- C. pruinosa*, *Hort.* (not *Wendl.*).

C. maloides, *Sargent*. Eastern Florida.

C. melanocarpa, *Bieb.* Caucasus, &c.

C. lambertiana, *Hort.*

C. monogyna var. *nigra*, *Pall.*

C. oliveriana, *Bosc.*

C. Oxyacantha var. *oliveriana*, *Lindl.* Bot. Reg. t. 1933.

C. Pallasii, *Griseb.*

C. platyphylla, *Lindl.* Bot. Reg. t. 1874.

C. mexicana, *Moç. & Sess.* ; Bot. Reg. t. 1910. Mexico.

Mespilus mexicana, *C. Koch.*

C. mollis, *Scheele* ; Sargent Silva of North America, t. 182. United States.

C. coccinea var. *mollis*, *Torr. & Gray.*

C. coccinea glandulosa, *Hort.*

C. coccinea Kelmanni, *Hort.*

C. mespilifolia, *Hort.*

C. subvillosa, *Torr.*

C. texana, *Buckley.*

C. tomentosa, *Emers.* (not *L.*).

C. tomentosa var. *mollis*, *A. Gray.*

C. urasina, *Hort.*

Mespilus coccinea, *Schmidt* (not *L.*).

M. coccinea var. *pubescens*, *Tausch.*

M. pubescens, *Wendl.* (not *Humb. & Bonpl.*).

C. nigra, *Waldst. & Kit.* ; Lodd. Bot. Cab. t. 1021. Eastern Europe.

C. carpathica, *Lodd.*

C. versicolor, *Rochel.*

Mespilus nigra, *Willd.*

C. nitida, Sargent. Illinois.

C. viridis var. *nitida*, *Britt. & Br. Illustr. Fl. ii. 242, f.*

C. occidentalis, Britton. Northern Rocky Mountain region.

C. erythropoda, Ash.

C. orientalis, Pall. ; Bot. Reg. t. 1852. Orient.

C. flabellata, Heldr.

C. odorata, Bosc.

C. odoratissima, Lindl. Bot. Reg. t. 1885.

C. sanguinea, Schrad. (not Pallas).

C. schraderiana, Ledeb.

C. Tournefortii, Griseb.

Mespilus Aronia, Willd.

C. Oxyacantha, L. Europe, North Africa, West Asia
"Hawthorn, Whitethorn."

Sub-species monogyna, Jacq.

Mespilus monogyna, Willd.

M. Oxyacantha, DC.

M. triloba, Poir.

Var. aurea, Loud.

C. flava, Hort.

Var. auriculata, Mérat.

Var. cabulica, Hort.

Var. crispa pendula, Hort.

Var. eriocarpa, Hort.

Var. flexuosa, Loud.

C. tortuosa, Hort.

Var. foliis argenteis, Hort.

C. Oxyacantha variegata, Hort.

Sub-species monogyna—cont.

Var. foliis aureis, Lodd.

C. Oxyacantha lutescens, Hort.

Var. fusca, Hort.

Var. fuscata, Hort.

Var. Gireoudi, Späth.

Var. granatensis.

Var. Gumperi versicolor, Hort.

Var. horrida, Hort. Gard. Chron. 1898, xxiv. 13, f. 5.

C. spinosissima, Hort. (not Lodd.).

Var. Insegnæ.

C. brevispina, Kunze.

C. Insegnæ, Tineo.

C. monogyna var. brevispina, Dippel.

Var. laciniata, Loud.

C. apiifolia, Hort.

C. dissecta, Hort.

C. fissa, Bosc.

C. laciniata, Lodd.

Var. macrocarpa.

C. macrocarpa, Hegetsch.

Var. oxyphylla.

Var. pendula, Lodd.

Var. pendula variegata.

Var. pinnatiloba.

Var. polyacantha.

C. polyacantha, Jan.

Var. praecox, Hort. "Glastonbury Thorn."

Sub-species monogyna—cont.

Var. *pteridifolia*, *Loud.*

C. pectinata, *Hort.*

C. pterifolia, *Lodd.*

Var. *quercifolia*, *Hort.*

Var. *ramulis aureis.*

Var. *Reginae*, *Hort.*

Var. *rubrinervis.*

Var. *salisburifolia.*

Var. *semperflorens*, *Carr.*

C. Bruantii, *Hort.*

Var. *sesteriana*, *Hort.*

Var. *sibirica*, *Loud.*

C. sibirica, *Lodd.*

Var. *stricta*, *Lodd.*

C. fastigiata, *Hort.*

C. Oxyacantha var. *rigida*, *Ronalds.*

Var. *variegata.*

Var. *Zaboon*, *Hort.*

Sub-species, oxyacanthoides (*Thuill.*) ; Bot. Reg. t. 1128.

C. Oxyacantha glomerata, *Hort.*

C. obtusata, *DC.*

Mespilus Oxyacantha, *C. Koch.*

Var. *atrofusca*, *Hort.*

Var. *flore pleno albo*, *Fl. des. Serres xv. t. 1509 (2).*

Var. *flore pleno coccineo*, *Ill. Hort. t. 536.*

Var. *flore pleno puniceo.*

Var. *flore pleno roseo.*

Sub-species, oxyacanthoides—cont.

Var. flore pleno rubro, Fl. des Serres xv. t. 1509 (3).

Var. flore puniceo, Fl. des Serres xv. t. 1509 (1).

Var. fructu luteo.

Var. incisa, Hort.

C. pastorum, Sargent. Massachusetts.

C. pentagyna, Kit. Eastern Europe.

Mespilus pentagyna, C. Koch.

C. pinnatifida, Bunge. China, &c.

C. Oxyacantha var. pinnatifida, Regel.

C. dahurica, Hort.

Mespilus pinnatifida, C. Koch.

Var. major, *N.E.Br.* Gard. Chron. 1886, xxvi. 621, f. 121.

C. californica, Hort.

C. chinensis, Hort.

C. Korolkowi, Hort. (not *L. Henry*).

C. Layi, Gord.

C. tartarica, Hort.

C. praecox, Sargent. Northern United States and Canada.

C. glandulosa typica, Regel.

C. Pringlei, Sargent. Northern United States and Canada.

C. pruinosa, Wendl. Northern United States.

C. punctata, Jacq.; Sargent Silva of North America t. 184.
East and North America.

C. latifolia, DC.

C. Loddigesii, Hort. Segr.

C. obovatifolia, Roem.

C. tomentosa var. punctata, A. Gray.

C. punctata—cont.

Mespilus cuneifolia, *Ehrh.*

M. cuneiformis, *Marsh.*

M. punctata, *Loisel.*

M. pyrifolia, *Desf.* (not *Willd.*).

Var. brevispina.

Var. striata.

Var. xanthocarpa, *Jacq.*; *Arb. Segrez.* t. 16.

C. aurea, *Hort.*

Mespilus cornifolia, *Poir.*

C. Pyracantha, *Pers.* South Europe, &c. "Buisson ardent."

Cotoneaster Pyracantha, *Spach.*

Mespilus Pyracantha, *L.*

Pyracantha coccinea, *Roem.*

Var. Lalandi, *Hort.*

Var. pendula.

C. sanguinea, *Pall.* Siberia, &c.

C. praecox, *Hort.*

C. purpurea, *Loud.*

C. spinosissima, *Lodd. Bot. Cab.* t. 1100.

Mespilus sanguinea, *C. Koch.*

Var. songorica.

Mespilus dsungarica, *Hort.*

C. sinaica, *Boiss.* Orient.

C. Aronia, *Decne.*

C. maroccana, *Lindl. Bot. Reg.* t. 1855.

C. sortifolia, *Lange.* Origin unknown.

C. spathulata, *Michx.*; Sargent Silva of North America t. 185. Southern United States.

C. microcarpa, *Lindl.* Bot. Reg. t. 1846.

C. virginica, *Hort.*

Cotoneaster spathulata, *Wenzig.*

Mespilus spathulata, *Poir.*

C. succulenta, *Link.*; Lange Revis. Spec. Crat. t. 86. Northern United States and Canada.

C. glandulosa var. *succulenta*, *Lauche.*

C. macracantha var. *minor*, *Loud.*

C. rotundifolia var. *succulenta*, *Dippel.*

Mespilus succulenta, *Sweet.*

C. tanacetifolia, *Pers.*; Bot. Reg. t. 1884. Orient.

Mespilus tanacetifolia, *C. Koch.*

Var. *fructu albo.*

C. tiliaefolia, *Koehne.* North America.

Mespilus tiliaefolia, *C. Koch.*

C. tomentosa, *L.*; Sargent Silva of North America t. 183. Eastern United States, &c.

C. elliptica, *Hort.*

C. latifolia, *Pers.*

C. leucophloeos, *Moench.*

C. pyrifolia, *Ait.* (not *Desf.*).

C. tomentosa var. *pyrifolia*, *A. Gray.*

Mespilus Calpodendron, *Ehrh.*

M. latifolia, *Poir.*

M. pyrifolia, *Willd.*

M. tomentosa, *Castigl.*

C. uniflora, *Muench.*; Sargent Silva of North America t. 191. Southern United States.

C. aemula, *Hort. Paris.*

C. betulaefolia, *Lodd.*

C. flexuosa, *DC.*

C. florida, *Lodd.*

C. grossulariaefolia, *Lodd.*

C. parvifolia, *Adans.*

C. Pinshow, *Hort.*

C. unilateralis, *Pers.*

Mespilus axillaris, *Pers.*

M. flexispina, *Muench.*

M. flexuosa, *Poir.*

M. parvifolia, *Willd.*

M. uniflora, *Wenzig.*

M. xanthocarpa, *L. fil.*

C. Vailiae, *Britton*; Britt. & Br. Illustr. Fl. ii. 245, f. Virginia and North Carolina.

C. viridis, *L.*; Sargent Silva of North America t. 187. Southern United States.

C. apiifolia, *Loud.* (not *Michx.*).

C. arborescens, *Elliott.*

C. trilobata, *Hort.*

Cotoneaster acuminata, *Lindl.* Himalaya.

C. royleana, *Hort.*

Mespilus acuminata, *Lodd.* Bot. Cab. t. 919.

C. acutifolia, *Lindl.* (not *Turcz.*). Mongolia.

C. lucida, *Schlecht.*

C. sinensis, *Hort.*

Var. pekinensis, *Koehn.*

C. affinis, Lindl. Himalaya.

C. rosea, Edgew.

Mespilus affinis, D. Don.

C. arborescens, Zabel. Himalaya.

C. compta, Hort. (not *Lemaire*).

C. granatensis, Hort. (not *Boiss.*).

C. Lindleyi, Hort. (not *Steud.*).

C. nummularia, C. Koch.

C. bacillaris, Wall. Himalaya.

C. obtusa, Wall.

Var. floribunda, Hort.

C. buxifolia, Wall. ; Refug. Bot. i. t. 52. Himalaya.

C. hookeriana, Hort.

C. marginata, Hort.

C. repens, Hort.

C. uniflora, Hort. (not *Bunge*).

C. Wheeleri, Hort.

C. disticha, Lange. Himalaya.

C. Hookeri, Hort.

C. Franchetii, Bois ; Rev. Hort. 1902, 379. ff. 159, 160, 161, 164. Yunnan.

C. frigida, Wall. ; Bot. Reg. t. 1229. Himalaya.

C. affinis, Hort. (not *Lindl.*).

C. himalayensis, Hort.

C. horizontalis, Decne. ; Rev. Hort. 1889, 348. Himalaya.

C. davidiana, Hort.

C. acuminata, Lindl. var. *prostrata, Dippel.*

- C. integerrima**, *Medic.* Mountains of Europe, &c.
 C. melanocarpa, *Bl.*
 C. nigra, *Wahlberg.*
 C. villosa, *Hort.*
 C. vulgaris, *Lindl.*
 Crataegus Cotoneaster, *Borkh.*
 Mespilus Cotoneaster, *L.*
 M. melanocarpa, *Fisch.*
- C. lanata**, *Decne.* Himalaya.
- C. laxiflora**, *Jacq.* ; Bot. Reg. t. 1305 ; Bot. Mag. t. 3519.
 Siberia.
- C. Lindleyi**, *Steudel.* Himalaya.
 C. elliptica, *Hort.*
 C. laevis, *Hort.*
 C. nummularia, *Lindl.* (not *Fisch. & Mey.*). Loud.
 Arboret. . . . Brit. ii. 872, f.
- C. microphylla**, *Wall.* ; Bot. Reg. t. 1114. Himalaya.
 Var. *glacialis*, *Hook. f.*
 C. congesta, *Baker* Refug. Bot. i. t. 51.
- C. multiflora**, *Bunge.* China.
 C. reflexa, *Carr.*
 C. vulgaris var. *glabrata*.
- C. Nummularia**, *Fisch. & Mey.* Europe, Asia.
 C. Fontanesii, *Spach.*
 C. racemiflora, *C. Koch.*
 Mespilus racemiflora, *Desf.*
- C. pannosa**, *Franch.* : Le Jardin 1898, f. 120 ; Rev. Hort. 1902, 381, f. 163. Yunnan.
- C. rotundifolia**, *Wall.* ; Refug. Bot. i. t. 54. Himalaya.
 C. microphylla var. *Uva-ursi*, *Lindl.*
 Var. *prostrata*, *Baker* Refug. Bot. i. t. 53.

C. Simonsii, *Baker* Refug. Bot. i. t. 55. Himalaya.

C. acutifolia, *Turcz.*

C. himalaiensis, *Hort.*

C. nepalensis, *Hort.*

C. thymifolia, *Baker* Refug. Bot. i. t. 50. Himalaya.

C. tomentosa, *Lindl.* Alps, &c.

Mespilus coccinea, *Waldst. & Kit.*

M. eriocarpa, *DC.*

M. tomentosa, *Mill.*

C. uniflora, *Bunge.* Siberia, &c.

C. nigra var. *uniflora*, *Regel.*

C. Uva-ursi, *Pall.*

***Photinia benthamiana**, *Hance.* China.

P. serrulata, *Lindl.* China.

P. dentata, *Hort.*

P. glabra, *Hort.* (not *Decne.*).

Crataegus glabra, *Thunb.*; Bot. Mag. t. 2105.

C. serratifolia, *Desf.*

Var. *rotundifolia*.

P. variabilis, *Hemsl.* China and Japan.

P. laevis, *DC.*

P. villosa, *DC.*

Crataegus laevis, *Thunb.*

C. villosa, *Thunb.*

Pourthiaea arguta, *Hort.* (not *Decne.*).

***Heteromeles arbutifolia**, *Römer.* California. "Toyon or Tollon."

Photinia arbutifolia, *Lindl.* Bot. Reg. t. 491.

•**Eriobotrya japonica**, *Lindl.* China and Japan. "Loquat."

Mespilus japonica, *Thunb.*; Bot. Reg. t. 365.

Photinia japonica, *Franch. & Sav.*

•**Raphiolepis japonica**, *Sieb. & Zucc.* Japan.

R. integerrima, *Hort.*

R. japonica, *Sieb. & Zucc. var. integerrima*, *Hook.* Bot. Mag. t. 5510.

R. Mertensii, *Sieb. & Zucc.*

R. ovata, *Hort.*

Mespilus Seiboldi, *Blume.*

•**Stranvaesia glaucescens**, *Lindl.* Bot. Reg. t. 1956. Himalaya.

S. undulata, *Decne.* China.

Amelanchier alnifolia, *Nutt.*; Garden and Forest 1888, 185. North-western America.

A. alpina, *Hort.*

A. canadensis var. alnifolia, *Torr. & Gray.*

A. canadensis var. florida, *Hort.*

A. canadensis var. florida parvifolia, *Hort.*

A. canadensis var. pumila, *Torr. & Gray.*

A. florida, *Lindl.* Bot. Reg. t. 1589.

A. japonica, *Hort.* (not *Miquel*).

A. montana, *Hort.*

A. ovalis var. semi-integrifolia, *Hook.*

A. parvifolia, *Hort.*

Aronia alnifolia, *Nutt.*

A. asiatica, *Walpers.* Japan.

A. canadensis var. japonica, *Miq.*

A. japonica, *Miq.*

Aronia asiatica, *Sieb. & Zucc.*

A. canadensis, Medic. North America. "June-berry,
Service-berry."

A. asiatica, Hort. (not *Walp.*).

A. Botryapium, Lindl.

A. canadensis var. sanguinea, DC.

A. canadensis var. spicata, Lam.

A. lancifolia, Hort.

A. ovalis, Medic.

A. sanguinea, Lindl. Bot. Reg. t. 1171.

A. spicata, C. Koch.

A. stricta, Hort.

Aronia Botryapium, Pers.

A. sanguinea, Nutt.

Crataegus racemosa, Lam.

C. spicata, Lam.

Mespilus arborea, Michx.

M. canadensis, L.

M. nivea, Marsh.

Pyrus Botryapium, L. f.

P. sanguinea, Pursh.

Var. oblongifolia, Torr & Gray ; Bot. Mag. t. 7619.
Eastern United States and Canada. "Swamp
Sugar Pear."

A. canadensis var. obovalis, Sargent.

A. oblongifolia, Roem.

A. oligocarpa, Roem. ; Garden and Forest 1888, 245, f. 41.
Northern United States.

A. utahensis, Koehne. North America.

A. vulgaris, Moench. ; Gard. Chron. 1890, vii. 621, f. 104.
Europe, &c.

A. rotundifolia, Decne.

Aronia Amelanchier, Reichb.

A. vulgaris—cont.

A. rotundifolia, *Pers.*

Crataegus Amelanchier, *Desf.*

C. rotundifolia, *Lam.*

Mespilus Amelanchier, *L.*

Pyrus Amelanchier, *Willd.*

Sorbus Amelanchier, *Crantz.*

Var. cretica, *Boiss.* Asia Minor, &c.

Amelanchier cretica, *C. Koch.*

A. suborbicularis, *Borkh.*

Aronia cretica, *Pers.*

Crataegus cretica, *Desf.*

Pyrus cretica, *Willd.*

Peraphyllum ramosissimum, *Nutt.*; *Bot. Mag.* t. 7420.
Oregon, &c.

Saxifragaceae.

• ***Hydrangea altissima***, *Wall.* Himalaya.

H. arborescens, *L.*; *Bot. Mag.* t. 437. Eastern United States.

H. cordata, *Pursh*; *Wats. Dendr. Brit.* i. t. 42.

H. frutescens, *Marsh.*

H. urticaefolia, *Hort.*

H. vulgaris, *Michx.*

H. aspera, *D. Don.* Himalaya and China.

Var. macrophylla, *Hemsl.* China.

H. Bretschneideri, *Dipp.* China.

H. pekinensis, *Hort.*

H. pubescens, *Decne.*

H. vestita* var. *pubescens, *Maxim.* *Garden*
1890, 17, f. 3 : 1893, 396, f. 60.

•*H. hortensis*, *Sm.*; Bot Mag. t. 438. China and Japan.

H. Hortensia, *DC.*

H. japonica, *Sieb.*

H. mutabilis, *Hort.*

H. opuloides, *Lam.*

Hortensia mutabilis, *Hort.*

H. rosea, *Desf.*

H. speciosa, *Pers.*

Var. *acuminata*, *A. Gray.*

H. acuminata, *Sieb. & Zucc. Fl. Jap. t. 56; Rev. Hort. 1874, t. 91.*

H. Buergeri, *Sieb. & Zucc. Fl. Jap. t. 57.*

Var *Lindleyi*.

H. hortensis roseo-alba.

H. japonica var. coerulescens, *Regel.*

H. japonica var. Lindleyi.

H. japonica var. roseo-alba, *Regel.*

H. roseo-alba, *Fl. des Serres tt. 1649-50.*

•Var. *Mariesii*. Garden liv. t. 1196.

•Var. *nigra*.

Hortensia nigra, *Carr.*

Hydrangea cyanoclada, *Hort.*

H. mandschurica nova, *Hort.*

H. opuloides cyanoclada, *Dipp.*

H. ramis pictis, *Hort.*

Var. *stellata*, *Maxim.*

H. stellata, *Sieb. & Zucc. Fl. Jap. t. 59.*

Var. *stellata ambriata*.

Var. *stellata rosea*.

•Var. *variegata*.

H. japonica variegata, *Regel.*

- **H. involucrata*, *Sieb. & Zucc. Fl. Jap. tt. 63, 64. Japan.*
- H. longipes*, *Hemsl. China.*
- H. paniculata*, *Sieb. & Zucc. Fl. Jap. t. 61. Japan.*
- Var. *grandiflora*, *Sieb.*
- H. paniculata* var. *floribunda*, *Regel Gartenflora* 1867, t. 530.
- H. paniculata* var. *hortensis*, *Maxim.*
- H. petiolaris*, *Sieb. & Zucc.; Bot. Mag. t. 6788. Japan.*
- H. bracteata*, *Sieb. & Zucc.*
- H. cordifolia*, *Sieb. & Zucc.*
- H. scandens*, *Maxim.*
- Schizophragma hydrangeoides*, *Hort. (not Sieb. & Zucc.).*
- H. quercifolia*, *Bartr.; Bot. Mag. t. 975. Southern United States.*
- H. platanifolia*, *Hort.*
- H. radiata*, *Walt.; Britt. & Br. Illustr. Fl. ii. 185, f. South-eastern United States.*
- H. discolor*, *Rafin.*
- H. nivea*, *Michx.; Wats. Dendr. Brit. i. t. 43.*
- Var. *canescens*, *Nichols.*
- H. canescens*, *C. Koch.*
- Hydrangea glauca*, *Hort.*
- H. sinensis*, *Hort.*
- H. serrata*, *Ser. Japan.*
- H. Thunbergi*, *Sieb.; Sieb. & Zucc. Fl. Jap. t. 58. Japan.*
- H. cyanea*, *Hort.*
- H. vestita*, *Wall. Himalaya.*
- H. heteromalla*, *D. Don.*
- H. pubescens*, *Decne.; Gard. Chron. 1884, xxii. 617, f. 107.*

- H. virens*, *Sieb.* ; *Sieb. & Zucc. Fl. Jap. t. 60.* Japan.
- Schizophragma hydrangeoides*, *Sieb. & Zucc. Fl. Jap. t. 26.* Japan.
- S. integrifolia*, *Oliver Icon. Plant. t. 1934.* China.
- **Deutzia corymbosa*, *R. Br.* Himalaya.
- D. crenata*, *Sieb. & Zucc. Fl. Jap. i. 19, t. 6.* Japan.
D. californica, *Hort.*
D. Fortunei, *Hort.*
D. scabra, *Lindl. Bot. Reg. t. 1718* (not *Thunb.*).
D. scabra var. crenata, *Maxim.*
D. sieboldiana, *Hort.* (not *Maxim.*).
D. Watereri, *Hort.*
- Var. *flore pleno extus purpurea*.
- Var. *punctata*.
- D. discolor*, *Hemsl.* China.
 Var. *purpurascens*. *Bot. Mag. t. 7708.*
- D. gracilis*, *Sieb. & Zucc.* ; *Flore des Serres vi. 611.* Japan.
 Var. *foliis aureis*.
 Var. *marmorata*.
 Var. *variegata*.
- D. gracilis campanulata*, *Hort.* (*gracilis* ♀ × *discolor purpurascens* ♂).
- D. kalmiaeflora*, *Lemoine.* (*gracilis purpurascens* ♀ × *parviflora* ♂).
- D. Lemoinei*, *Hort.* (*gracilis* × *parviflora*). *Le Jardin* 1895. 243.
- D. parviflora*, *Bunge* ; *Garden and Forest* 1888, 365. China.
- D. scabra*, *Thunb.* ; *Sieb. & Zucc. Fl. Jap. t. 7.* China and Japan.

P. Falconeri, Hort. Origin uncertain.

P. gordonianus, Lindl. Bot. Reg. xxv. t. 32. Western United States.

P. grandiflorus, Willd.; Britt. & Br. Illustr. Fl. ii. 186, f. Southern United States.

Philadelphus columbiensis, Hort.

P. inodorus var. grandiflorus, A. Gray.

P. laxus, Lodd.

P. speciosus, Schrad.; Bot. Reg. t. 2003.

Deutzia corymbosa, Hort.

D. sanguinea, Hort.

Var. floribundus, Torr. & Gray.

P. floribundus, Schrad.

P. grandiflorus, Lindl. Bot. Reg. t. 570.

P. latifolius, Schrad.

P. verrucosus, Schrad.

P. Zeyheri, Schrad.

Var. laxus, Torr. & Gray.

P. humilis, Hort.

P. ignea, Hort.

P. laxus, Schrad.

P. pubescens, Lodd.

P. hirsutus, Nutt.; Bot. Mag. t. 5334. Oregon.

Philadelphus Godohokeri, Hort.

P. gracilis, Lodd.

P. trinervius, Schrad.

P. villosus, Lodd.

Deutzia Godohokeri, Hort.

P. inodorus, L.; Britt. & Br. Illustr. Fl. ii. 186. Southern United States.

P. insignis, *Carr.* Garden origin.

P. Billiardi, *Hort.*

P. Lemoinei, *Hort.* (*microphyllus* × *coronarius*) Garden and Forest 1889, f. 154. Garden origin.

Var. erectus.

P. Lewisii, *Pursh.* Western North America.

P. thyrsiflorus, *Hort.*

P. sanguineus, *Hort.*

Var. californicus, *A. Gray.* California.

P. coronarius nivalis, *Hort.*

P. nivalis, *Hort.*

***P. mexicanus**, *Schlecht.*; Gard. Chron 1883, xix. 753, f. 123; Bot. Mag. t. 7600. Mexico.

P. microphyllus, *A. Gray*; Gard. Chron. 1887, ii. 156. Colorado, &c.

P. pekinensis, *Rupr.* China.

P. Satsumi, *Siebold*; Lindl. & Paxt. Fl. Gard. ii. 103, f. 188. Japan, &c.

Philadelphus japonicus, *Hort.*

P. Ledebourii, *Hort.*

P. pulchella, *Hort.*

P. Roylei, *Hort.*

P. Schrenckii, *Rupr.*

P. speciosus, *Hort.*

P. Yokohama, *Sieb.*

Deutzia japonica, *Hort.*

D. pulchella, *Hort.*

P. undulatus, *Hort.* Origin unknown.

***Platycrater arguta**, *Sieb. & Zucc.* Fl. Jap. i. t. 27. Japan.

P. Sieboldii, *Hort.*

Jamesia americana, *Torr. & Gray*; Bot. Mag. t. 6142.
Rocky Mountains.

Fendlera rupicola, *A. Gray*; Garden and Forest 1889,
112, f. 98. South-west United States.

***Carpentaria californica**, *Torrey*; Bot. Mag. t. 6911.
California.

Escallonia exoniensis, *Hort.* Garden origin.

***E. floribunda**, *H. B. & K.*; Bot. Mag. t. 6404. Colombia,
Ecuador, &c.

***E. illinita**, *Presl.*; Bot. Reg. t. 1900. Chili.

E. langleyensis, *Hort.*; Gard. Chron. 1898, xxiv. 11, f. 4.
E. macrantha × **philippiana**. Journ. of Hort. 1897,
Sept. 9, 237, f. 33.

***E. littoralis**, *Phil.* Chili.

***E. macrantha**, *Hook. & Arn.*; Bot. Mag. t. 4473. Chiloe.
E. bicolor, *Hort.*
E. Ingrami, *Hort.*
E. rubra Ingrami, *Hort.*

***E. montana**, *Phil.* Chili.

***E. montevidensis**, *DC.*; Bot. Reg. t. 1467. Montevideo, &c.
E. floribunda var. **montevidensis**, *Cham. & Schlecht.*

E. philippiana, *Masters* Gard. Chron. 1878, x. 109, f. 13.
Valdivia.

***E. pterocladon**, *Hook.* Bot. Mag. t. 4827. Western Patagonia.

***E. pulverulenta**, *Pers.*; Sweet Brit. Fl. Garden ser. ii.
t. 310 Chili.

***E. punctata**, *DC.* Chili.

E. rubra *var. punctata*, *Hook. f.* Bot. Mag. t. 6599.

E. sanguinea, *Hort.*

***E. revoluta**, *Pers.*; Bot. Mag. t. 6949. Chili.

E. affinis, *Ruprecht.*

***E. rubra**, *Pers.*; Bot. Mag. t. 2890. Chili.

Var. **pallida**.

E. poeppigiana, *DC.*

***E. viscosa**, *Forbes*; Ic. Selectae Horti Thenensis i. t. 16.
Chili.

***Itea ilicifolia**, *Oliver*; Hook. Icon. Plant. t. 1538. China.

I. virginica, *L.*; Bot. Mag. t. 2409. Eastern United States.

***Weinmannia trichosperma**, *Cav.* Chili.

Ribes alpinum, *L.*; Lodd. Bot. Cab. t. 1486; Eng. Bot.
ed. 3, t. 519. Northern Hemisphere.

Ribes grossulariaefolium, *Reichb.*

R. opulifolium, *Hort.*

Var. **foliis aureis**, *Hort.*

Var. **laciniatum**, *Hort.*

Var. **pumilum**, *Lindl.*

Var. **sterile**, *Wallr.*

R. dioicum, *Moench.*

R. americanum, *Mill.* North America.

Ribes campanulatum, *Moench.*

R. floridum, *L'Hérit.*; Britt. & Br. Illustr. Fl. ii. 191, f.

R. missouriense, *Hort.* (not *Nuttall*).

R. pensylvanicum, *Lam.*

R. recurvatum, *Michx.*

Coreosma florida, *Sparh.*

- R. amictum**, *Greene*. California, &c.
- R. aureum**, *Pursh*; Bot. Reg. t. 125. Western North America. "Buffalo or Missouri Currant."
Ribes fragrans, *Lodd*. Bot. Cab. t. 1533.
R. oderatum, *Wendl*.
R. palmatum, *Desf*.
R. utahense, *Hort*.
Chrysobotrya revoluta, *Spach*.
 Var. **aurantiacum**, *Hort*.
 Var. **praecox**, *Lindl*.
 Var. **serotinum**, *Lindl*.
 Var. **tenuiflorum**, *Torr*.
R. tenuiflorum, *Lindl*. Bot. Reg. t. 1274.
- R. bracteosum**, *Dougl.*; Bot. Mag. t. 7419. Western North America.
- R. cereum**, *Dougl.*; Bot. Mag. t. 3008. Western United States, &c.
R. inebrians, *Lindl*. Bot. Reg. t. 1471.
R. Kunthii, *Hort*.
R. mexicanum, *Hort*.
R. reniforme, *Nutt*.
- R. Cynosbati**, *L.*; Loud. Arb. ii. 970, f. 719. Eastern United States.
R. gracile, *Torrey*.
Grossularia Cynosbati, *Spach*.
- R. Diacantha**, *Pall*. Fl. Ross. t. 66. Siberia, &c.
R. cuneatum, *Kar. & Kir*.
R. saxatile, *Pall*.
Grossularia diacantha, *Mill*.
 Var. **atrorubens**.
 Var. **melanocarpum**.

R. divaricatum, *Dougl.* ; Bot. Reg. t. 1359. Western North America.

R. triflorum, *Hook.*

R. villosum, *Nutt.* (not *Gay*).

R. fasciculatum, *Sieb. & Zucc.* ; Möller's Deutsche Garten-Zeitung 1889, 571. Japan, &c.

Var. **Billiardii**.

R. Billiardii, *Carr.*

Var. **chinense**.

R. gordonianum, *Lem.* (*sanguineum* × *aureum*) ; Fl. des Serres ii. 165. Garden origin.

R. Beatonii, *Hort.*

R. loudonianum, *Hort.*

R. gracile, *Michx.* North-western United States.

R. missouriense, *Nutt.*

R. niveum, *Lindl.* Bot. Reg. t. 1692.

Grossularia nivea, *Spach.*

R. Grossularia, *L.* ; Eng. Bot. ed. 3, t. 518. Northern Hemisphere. "Gooseberry."

R. alpestre, *Wall.*

R. Uva-crispa, *DC.*

R. grossularioides, *Maxim.* China and Japan.

R. macrocalyx, *Hance.*

R. himalayense, *Decne.* (not *Royle*). Himalaya.

R. lacustre, *Poir.* ; Bot. Mag. t. 6492. North America.

R. echinatum, *Dougl.*

R. laxiflorum, *Pursh.* Western United States.

R. affine, *Dougl.*

R. Lobbii, *A. Gray*; Gard. Chron. 1883, xix. 11, f. 1.
California.

R. subvestitum, *Hook.* Bot. Mag. t. 4931.

R. Menziesii, *Pursh*; Bot. Reg. xxxiii. t. 56. Western
North America.

R. ferox, *Smith*.

R. multiflorum, *Waldst. & Kit.*; Bot. Mag. t. 2368. South-
east Europe.

R. album multiflorum, *Hort.*

R. urceolatum, *Tausch*.

R. vitifolium, *Host*.

R. nigrum, *L.*; Engl. Bot. ed. 3, t. 523. North Europe and
North Asia. "Black Currant."

Var. **altaicum**.

R. Dikuscha, *Fisch*.

Var. **dissectum**.

Var. **laciniatum**.

R. aconitifolium, *Hort*.

Var. **reticulatum aureum**.

Var. **variegatum**.

R. orientale, *Desf.* Orient, &c.

R. leptostachyum, *Decne.*; Jacq. Voyage iv. 65 t. 76.

R. punctatum, *Lindl.* Bot. Reg. t. 1278 (not *Ruiz & Pav.*).

R. oxycanthoides, *L.*; Bot. Mag. t. 6892. North America.
(Parent of the American garden Gooseberries.)

R. hirtellum, *Michx.*

R. irriguum, *Dougl.*

R. saxosum, *Hook.*

R. setosum, *Lindl.*

R. stenophyllum, *Hort.*

Var. **Purpusii**, *Späth*.

R. petraeum, *Wulf.*; Reichb. Fl. Germ. xxiii. t. 138.
Europe, &c.

R. atropurpureum, *C. A. Meyer.*

R. Biebersteinii, *Berl.*

R. carpaticum, *Kit.*

R. caucasicum, *Bieb.*

R. macrobotrys, *Hort.*

R. prostratum ringens, *Hort.*

R. ringens, *Hort.*

R. triste, *Bunge.*

R. pinetorum, *Greene.* New Mexico.

R. prostratum, *L'Hérit.* North America.

R. glandulosum, *Ait.*

R. trifidum, *Michx.*

R. punctatum, *Ruiz & Pav.*; Bot. Reg. t. 1658. Chili.

R. robustum, *Hort.* Origin unknown.

R. rotundifolium, *Michx.* Eastern United States.

R. gracile, *Pursh* (not *Michx.*).

R. triflorum, *Willd.*; Lodd. Bot. Cab. t. 1094.

R. rubrum, *L.*; Eng. Bot. ed. 3, t. 520. Northern Hemisphere. "Red Currant."

Var. **album**, *Desf.* "White Currant."

Var. **foliis luteo-variegatis.**

Var. **Schlechtendalii.**

R. Schlechtendalii, *Lange* Flora Danica t. 2892.
North Europe.

Var. **smithianum**, *Syme*; Eng. Bot. ed. 3, t. 521.

Var. **subglandulosum**, *Maxim.*

R. sanguineum, *Pursh* ; Bot. Mag. t. 3335. California, &c.
 " Flowering Currant."

Var. **albidum**, *Paxton*.

Var. **atrorubens**.

Var. **atrosanguineum**.

Var. **carneum**, *Hort*.

R. **carneum grandiflorum**, *Hort*.

Var. **davidianum**, *Hort*.

Var. **epruinatum**, *C. Koch*.

Var. **flore pleno**.

Var. **glutinosum**, *A. Gray*.

R. **glutinosum**, *Benth*.

Var. **intermedium**, *Hort*.

Var. **malvaceum**, *S. Wats*.

R. **malvaceum**, *Sm.* ; Sweet British Flower Garden
 ser. ii. t. 340.

R. speciosum, *Pursh* ; Bot. Mag. t. 3530. California.

R. **fuchsioides**, *Moç. et Sessé*.

R. **stamineum**, *Sm.*

Robsonia speciosa, *Spach*.

R. stenocarpum, *Maxim.* China.

R. valdivianum, *Phil.* Chili.

***R. viburnifolium**, *A. Gray*. California.

R. villosum, *C. Gay* ; Bot. Mag. t. 7611. Chili.

R. **Bridgesii**, *Hort*.

R. **chilense**, *C. Koch*.

R. **gayanum**, *Hort*.

R. **Lavallei**, *Hort*.

Hamamelidaceae.

Parrotia jacquemontiana, *Decne.*; Bot. Mag. t. 7501. Western Himalaya.

Fothergilla involucrata, *Falconer*.

P. persica, *C. A. Meyer*; Bot. Mag. t. 5744. Persia.

Hamamelis persica, *DC.*

Fothergilla Gardeni, *Murr.* South-eastern United States.

Fothergilla alnifolia, *L. f.*; Bot. Mag. t. 1341.

F. carolina, *Britt.*

***Distylium racemosum**, *Sieb. & Zucc.* Flor. Jap. t. 94. Japan.

Sycopsis sinensis, *Oliver* Hook. Icon. Plant. t. 1931. China.

***Corylopsis himalayana**, *Griff.*; Bot. Mag. t. 6779. Himalaya.

***C. pauciflora**, *Sieb. & Zucc.* Fl. Jap. i. t. 20. Japan.

C. spicata, *Sieb. & Zucc.*; Bot. Mag. t. 5458. Japan.

Hamamelis arborea, *Masters* Gard. Chron. 1881, xv. 205, f. 38. Japan. "Mansak."

H. japonica, *Hook. f.* Bot Mag. t. 6659.

H. japonica, *Sieb. & Zucc.* Japan.

Var. **zuccariniana**.

H. zuccariniana, *Hort.*

H. mollis, *Oliver* Hook. Ic. Plant. t. 1742. China.

H. virginica, *L.*; Bot. Mag. t. 6684. Eastern North America. "Witch Hazel."

**Loropetalum chinense*, *R. Br.*; Gard. Chron. 1883, xix. 152, f. 23. China, &c.

Disanthus cercidifolia, *Maxim.*; Garden and Forest 1893, 215. Japan.

**Liquidambar formosana*, *Hance*; Hook. Icon. Plant. t. 1020. China and Japan.

L. acerifolia, *Maxim.*

L. Maximowiczii, *Miq.*

L. orientalis, *Mill.*; Hook. Icon. Plant. t. 1019. Asia Minor.

L. imberbe, *Ait.*

L. styraciflua, *L.*; Sargent Silva of North America t. 199. United States. "Sweet Gum."

Myrtaceae.

**Eucalyptus coccifera*, *Hook. f.* Bot. Mag. t. 4637. Tasmania.

E. Gunnii, *Hook. f.* Flora Tasmaniae t. 27. Tasmania.

E. urnigera, *Hook. f.*; Gard. Chron. 1888, iii. 460, f. 64. Tasmania.

E. whittinghamensis, *Hort.*

**Myrtus communis*, *L.* Mediterranean region. "Myrtle."
M. lusitanica, *Willd.*

Var. *tarentina*, *L.*

M. tarentina, *Mill.*; Laguna, Comision de la Flora Forestal Española t. 9a.

**M. Ugni*, *Molina*. Chili. "Myrtilla."

Eugenia Ugni, *Hook. & Arn.*; Bot. Mag. t. 4626.

Lythraceae.

Nesaea salicifolia, *H.B.K.*; Reichb. Hort. Bot. t. 166.
Tropical America.

Heimia salicifolia, *Link & Otto*.

Var. *grandiflora*, *Lindl.* Bot. Reg. xxvii. t. 60.

***Punica Granatum**, *L.*; Bot. Mag. t. 1832. Persia, &c.
"Pomegranate."

Var. *nana*.

Punica nana, *L.*; Bot. Mag. t. 634.

Onagraceae.

Zauschneria californica, *Presl*; Bot. Mag. t. 4493. California.

Fuchsia corallina, *Hort.* Garden origin.

F. exoniensis, *Hort.*

F. globosa, *Lindl.* Bot. Reg. t. 1556. Mexico.

F. macrostemma, *Ruiz & Pav.* South America.

F. coccinea, Bot. Mag. t. 97 (not *Aiton*).

F. gracilis, *Lindl.*

F. magellanica, *Lam.*

F. virgata, *Sweet.*

F. Riccartoni, *Hort.* Garden origin.

Passifloraceae.

***Passiflora coerulea**, *L.*; Bot. Mag. t. 28. Southern Brazil.
"Passion Flower."

Umbelliferae.

**Bupleurum fruticosum*, *L.*; Wats. Dendr. Brit. i. t. 14.
Mediterranean region.

Araliaceae.

Aralia chinensis, *L. var. elata*, *Dippel*. China, &c.

A. mandschurica, *Rupr. & Maxim.*

Dimorphanthus elatus, *Miq.* Comment. Phytogr. t. 12.

D. mandschuricus, *Maxim.*

Var. *albo-marginata*.

Var. *canescens*.

A. spinosa canescens, *Hort.*

Var. *pyramidalis*, *Hort.*

A. spinosa, *L.*; Sargent Silva of North America t. 211.
Eastern United States. "Hercules' Club, Angelica
Tree."

Acanthopanax ricinifolium, *Seem.* China and Japan.

Aralia Maximowiczii, *Van Houtte* Fl. des Serres
xx. t. 2067.

A. ricinifolia, *Hort.*

Kalopanax ricinifolium, *Miq.*

Panax ricinifolium, *Sieb. & Zucc.*

A. sessiliflorum, *Seem.* China.

Panax sessiliflorum, *Rupr. & Maxim.*

P. sessilifolium, *C. Koch.*

A. spinosum, *Miq.* China and Japan.

Aralia pentaphylla, *Thunb.*

Panax spinosum, *L.*

Var. *variegatum*.

P. quinquefolium variegatum, *Hort.*

Fatsia horrida, *Benth. & Hook. f.*; Dippel Handbuch der Laubholzkunde iii. 239. North-west America and North-east Asia.

Echinopanax horridus, *Decne. & Planch.*

Oplopanax horridum, *Miq.*

Panax horridum, *Sm.*

F. japonica, *Decne. & Planch.*; Gartenflora 1863, t. 420. Japan.

Aralia japonica, *Thunb.*

A. Sieboldii, *Sieb.*

Var. *variegata*.

Helwingia rusciflora, *Willd.*; Sieb. & Zucc. Fl. Jap. i. t. 86. Japan.

H. japonica, *Morr. & Decne.*

H. ruscifolia, *Steud.*

Eleutherococcus senticosus, *Maxim.*; Gartenflora 1863, t. 393. China.

***Dendropanax japonicum**, *Seem.* China, Japan, and Himalaya.

Hedera japonica, *Jungh.*

Textoria japonica, *Miq.*

Hedera Helix, *L.*; Eng. Bot. ed. 3, t. 633. Europe, North Africa, North Asia. "Ivy."

Var. *algeriensis*.

H. viridis, *Hort.*

Var. *algeriensis variegata*.

Var. *amurensis*.

H. acuta.

Hedera Helix—cont.

Var. angularis, *Hibberd*.

Var. angularis foliis aureis.

Var. arborescens.

Var. arborescens foliis argenteis marginatis.

Var. arborescens foliis aureis;

Var. atropurpurea.

Var. aurantiaca, *André* Rev. Hort. 1884, 84 (coloured plate).

Var. aurea elegantissima.

Var. aureola.

Var. azorica, *Hort.*; Gard. Mag. October 15, 1887, f. *H. ficula*.

Var. azorica variegata.

Var. baccifera major.

Var. caenwoodiana.

Var. canariensis. “Irish Ivy.”

H. canariensis, Willd.

H. grandifolia.

H. hibernica.

H. vegeta.

Var. canariensis arborescens.

Var. canariensis aureo-maculata.

Var. canariensis foliis argenteis.

Var. canariensis nova.

Var. Cavendishi.

H. marginata elegans.

H. marginata minor.

Hedera Helix—cont.**Var. chrysocarpa.**

H. baccifera lutea.

Var. chrysomela.

H. spectabilis aurea.

Var. chrysophylla, *Hibberd*.

H. digitata aurea.

H. palmata aurea.

Var. colchica.

H. caucasica, *Hort*.

H. colchica, *C. Koch*.

H. cordifolia, *Hort*.

H. coriacea, *Hort*.

H. roegneriana, *Hort*.

Var. colchica arborescens.**Var. conglomerata.****Var. contracta.****Var. corrugata.****Var. crenata.**

H. digitata nova.

H. vitifolia.

Var. Crippsii.**Var. cuspidata minor.****Var. deltoidea.**

H. rhomboidea obovata.

Var. dentata.**Var. digitata.**

H. palmata.

H. pennsylvanica.

Hedera Helix—cont.**Var. digitata nana.****Var. discolor.****H. marmorata elegans.****H. minor marmorata.****H. minor variegata.****Var. donerailensis.****Var. farleyensis.****Var. flavescens.****Var. gigantea.****Var. gracilis.****Var. hallamensis.****Var. heidelbergensis.****Var. heterophylla, *Hibberd*.****Var. himalaica.****H. cinerea, *Hibberd*.****Var. hybrida marginata.****Var. intermedia.****Var. lacteola.****Var. lobata major.****Var. lucida.****H. poetica.****Var. macrodonta.****Var. maculata.****H. latifolia maculata.****H. latimaculata.*****Var. maderensis variegata.****Var. marginata major.****H. argentea major.**

Hedera Helix—cont.

H. argentea scandens.

H. marginata argentea.

H. marginata elegantissima.

H. marginata grandis.

H. marginata pulchella.

Var. marginata media.

Var. marginata purpurea.

Var. marginata rubra.

H. argentea rubra.

H. elegantissima.

Var. marmorata elegans.

Var. minima, *Hibberd*.

H. donerailensis.

Var. minor.

Var. minor variegata.

Var. netleyensis.

Var. nigra.

H. willsiana.

Var. ovata.

Var. palmata aurea.

Var. pedata.

Var. pustulata.

Var. rhombea (*Sieb. & Zucc.*).

H. japonica argentea.

H. japonica variegata.

H. submarginata, *Hibberd*.

Var. rugosa.

Var. sagittaeifolia.

Hedera Helix—cont.

Var. *spectabilis*.

Var. *spectabilis aurea*.

Var. *succinata*, *Hibberd*.

Var. *sulphurea*, *Hibberd*.

H. *marginata canescens*.

Var. *taurica*.

Var. *tortuosa*.

H. *Glymii*

Var. *triloba*.

Var. *venosa*.

Var. *walthamensis*.

Cornaceae.

Marlea platanifolia, *Sieb. & Zucc.* China and Japan.

***Corokea Cotoneaster**, *Raoul.* Nouv. Zel. t. 20. New Zealand.

Cornus alba, *L.* North Asia.

C. *tartarica*, *Mill.*

Var. *Froebeli*, *Hort.*

Var. *Gouchaulti*, *Carr.*

Var. *sibirica*.

C. *sibirica*, *Lodd.*

Var. *sibirica variegata*, *Hort.*

Var. *Spaethii*, *Wittm.*

C. *sibirica Spaethii*, *Hort.*

C. *Spaethii*, *Hort.*

Var. *variegata*, *Hort.*

C. alternifolia, *L. f.*; Sargent Sylva of North America t. 216. North America.

C. alterna, *Marsh.*

C. Amomum, *Mill.*; Britt. & Br. Illustr. Flora ii. 544, f. North America. "Kinnikinnik."

C. asperifolia, *Hort.* (not *Michx.*).

C. citrina, *Hort.*

C. coerulea, *Lam.*

C. cyanocarpa, *Moench.*

C. lanuginosa, *Michx.*

C. rubiginosa, *Ehrh.*

C. sericea, *L.*; Loud. Arb. et Frut. ii. t. 1013, f. 766.

Var. *angustifolia*.

Var. *grandifolia*.

Var. *parvifolia*.

C. asperifolia, *Michx.*; Britton & Brown Illustr. Flora ii. 544, f. North America.

C. Baileyi, *Coulter & Evans*; Garden and Forest 1890, 465, f. 58. North America.

C. brachypoda, *C. A. Meyer.* Japan.

Var. *variegata*. Journ. of Hortic. ser. iii. xxviii. 129, f. 20.

C. [Bretschneideri], *L. Henry* Le Jardin 1899, 309, f. China.

C. candidissima, *Marsh.*; Britt. & Br. Illustr. Fl. ii. 545. North America.

C. albida, *Ehrh.*

C. fastigiata, *Michx.*

C. femina, *Dippel* (not *Miller*).

C. oblongata, *Hort.*

C. paniculata, *L'Hérit.*

C. stricta, *Lam.*

Var. *variegata*.

***C. capitata**, *Wall.* North India to China.

Benthamia fragifera, *Lindl.* ; *Bot. Mag.* t. 4641.

C. circinata, *L'Hérit.* ; *Loud. Arb. et Frut.* ii. 1014, f. 767.
North America.

C. rugosa, *Lam.*

C. tomentosula, *Michx.*

C. verrucosa, *Hort.*

C. florida, *L.* ; *Sargent Silva of North America* tt. 212, 213.
Eastern North America. "Flowering Dogwood."

Benthamia florida, *Spach.*

Var. *flore rubro.*

Var. *pendula.*

C. glabrata, *Benth.* Western United States.

C. Hessei, *Koehne.* Eastern Asia ?

***C. Koussa**, *Buerg.* ; Garden, February 25, 1893. Japan.

C. japonica, *Koehne* (not *Thunb.*).

Benthamia japonica, *Sieb. & Zucc.* *Fl. Jap.* i. t. 16.

C. macrophylla, *Wall.* North India to Japan.

C. brachypoda, *Hort.* (not *Fisch. & Mey.*).

C. crispula, *Hance.*

C. religiosa, *Hort.*

C. Thelicanis, *Lebas* *Rev. Hort.* 1875, 395, f. 64.

C. theleriana, *Hort.*

Var. *variegata.*

C. Mas, *L.* Europe, &c. "Cornelian Cherry, Cornel."

C. mascula, *L.* ; *Bot. Mag.* t. 2675.

Var. *aurea elegantissima*, *Hort.*

C. elegantissima, *Hort.*

C. Mas—cont.

Var. fructu violaceo.

Var. lanceolata.

Var. nana.

C. pumila, *Hort.*

Var. variegata.

Var. xanthocarpa.

C. Nuttallii, *Audub.*; Sargent Silva of North America
tt. 214, 215. Western North America.

C. officinalis, *Sieb. & Zucc.* Fl. Jap. i. t. 50. Japan.

C. pubescens, *Nutt.* Western North America.

C. Purpusi, *Koehne.* Ohio.

C. sanguinea, *L.*; Eng. Bot. ed. 3, t. 635. Europe, North
and Western Asia. "Common Dogwood."

Var. candidissima, *Hort.*

Var. viridissima, *Dieck.*

C. stricta, *Hort.* (not *L'Hérit.*).

Var. variegata, *Hort.*

C. stolonifera, *Michx.*; Britton & Brown Illustr. Flora ii.
545 f. North America. "Red-Osier Dogwood."

C. alba, *Wangenh.* (not *L.*).

Var. flaviramea.

C. alba var. flaviramea, *Späth.*

C. stricta, *L'Hérit.*; Britton & Brown Illustr. Flora ii.
546 f. South United States.

C. fastigiata, *Michx.*

C. femina, *Mill.*

Aucuba himalaica, *Hook. f. & Thoms.*; Hook. f. Himalay.
Plants t. 12. Eastern temperate Himalaya.

A. japonica, *Thunb.*; Bot. Mag. t. 1197. Japan.

Var. *Bruantii*.

Var. *crassifolia*.

Var. *dentata*.

Var. *dentata variegata*.

Var. *fructu albo*.

Var. *grandis*.

Var. *latimaculata*.

Var. *longifolia*.

Var. *longifolia picta*.

Var. *macrodonta*.

Var. *macrophylla*.

Var. *macrophylla dentata*.

Var. *macrophylla maculata*.

Var. *macrophylla picta*.

Var. *maculata* ♂ ♀.

Var. *nana rotundifolia*.

Var. *picta*. ♀.

Var. *pygmaea*.

Var. *rotundifolia*.

Var. *salicifolia*.

Var. *splendida*.

Var. *viridis*. ♂, ♀.

Garrya elliptica, *Dougl.*; Bot. Reg. t. 1686. California.

- **G. flavescens*, *S. Wats.* Western North America.
- **G. Fremontii*, *Torr.*; *Gard. Chron.* 1881, xv. 431, f. 83.
Western North America.
- **G. macrophylla*, *Benth.* Mexico.
- G. Thureti*, *Carr.* (*Fadyenii* × *elliptica*); *Rev. Hort.* 1879,
154, ff. 33, 4. Garden origin.
- **Griselinia littoralis*, *Raoul*; *Kirk Forest Flora of New*
Zealand t. 42. New Zealand.
- **G. lucida*, *Forst.*; *Kirk Forest Flora* t. 41. New Zealand.
"Kapook."
- Var. *macrophylla*, *Hook. f.*
- Nyssa aquatica*, *Marsh.*; *Sargent Silva of North America*
t. 220. South United States. "Tupelo Gum."
- N. tomentosa*, *Michx.*
- N. uniflora*, *Wangenh.*
- N. Ogeche*, *Marsh.*; *Sargent Silva* t. 219. South United
States. "Ogeechee Lime; Sour Tupelo."
- N. capitata*, *Walt.*
- N. sylvatica*, *Marsh.*; *Sargent Silva of North America*
t. 217. North America. "Tupelo, Pepperidge."
- N. multiflora*, *Wangenh.*
- Davidia involucrata*, *Baill.*; *Hook. Icon. Plant.* t. 1961.
Western China.

GAMOPETALAE.

Caprifoliaceae.

- Sambucus canadensis*, *L.*; *Bentl. & Trimen Medicinal*
Plants t. 138. North America.

S. glauca, *Nutt.* ; Sargent Silva of North America t. 222.
Western United States.

S. californica, *C. Koch.*

S. semperflorens, *Hort.*

S. melanocarpa, *A. Gray.* Western North America.

S. mexicana, *Presl.* California, Arizona, &c.

S. velutina, *Dur.*

S. plantierensis, *Hort.*

S. nigra, *L.* ; Eng. Bot. ed. 3, t. 637. Europe, W. Asia, N.
Africa. "Common Elder."

Var. *aureo-marginata*.

Var. *aureo-variegata*.

Var. *flore pleno*.

Var. *foliis aureis*. "Golden Elder."

Var. *fructu albo*.

Var. *heterophylla*.

S. cannabifolia, *Hort.*

Var. *laciniata*.

S. cannabifolia linearis, *Hort.*

S. heterophylla dissecta, *Hort.*

S. laciniata, *Mill.*

Var. *leucocarpa*.

Var. *linearis*.

Var. *lutescens*.

Var. *monstrosa*.

Var. *pendula*.

Var. *pulverulenta*.

Var. *pyramidalis*.

S. nigra—cont.

Var. roseo flore pleno.

Var. rotundifolia.

Var. swindonensis.

Var. tricolor.

Var. variegata.

Var. virescens.

S. racemosa, L. ; Flora Danica t. 2951. Northern Hemisphere. "Red-berried Elder."

S. sieboldiana, *Blume*.

S. Williamsii, *Hance*.

Var. arborescens.

Var. dahurica.

Var. foliis aureis.

Var. laciniata.

S. racemosa ovata.

S. racemosa pteridifolia.

Var. plumosa.

Var. plumosa aurea.

Var. pubescens, *Dippel*.

S. pubens, *Michx.*

S. pubescens, *Pers.*

Var. rosaeflora, *Dippel*.

S. rosaeflora, *Carr.* Rev. Hort. 1869, 434, f.

Var. serratifolia.

S. ornata, *Hort.*

Var. spectabilis.

Var. tenuifolia.

S. thunbergiana, *Blume*. Japan.

Viburnum acerifolium, *L.*; *Wats. Dendr. Brit. ii. t. 118.*
Northern United States. "Dockmackie."

V. bullatum, *Hort.* Origin uncertain.

V. burejasticum, *Regel. & Herd.*; *Gartenflora 1862, 407,*
t. 384. China.

V. burejanum, *Herd.*

**V. Carlesii*, *Hemsley*. Corea.

V. cassinoides, *L.* Northern United States, &c. "Wittherod."

V. nudum var. cassinoides, *Torr. & Gray.*

V. pyrifolium, *Pursh.*

V. squamatum, *Willd.*; *Wats. Dendr. Brit. i. t. 24.*

**V. coriaceum*, *Blume*. Himalaya, China, &c.

V. cylindraceum, *Ham.*

V. cotinifolium, *D. Don*; *Bot. Reg. t. 1650.* Himalaya.

V. multratum, *C. Koch.*

V. dentatum, *L.*; *Wats. Dendr. Brit. i. t. 25.* North America. "Arrow-wood."

V. acuminatum, *Hort.*

V. montanum, *Lodd.*

Var. variegatum.

V. dilatatum, *Thunb.*; *Bot. Mag. t. 6215.* Japan.

V. Mariesii, *Hort.*

V. erosum, *Thunb.*; *Garden and Forest 1896, 85, f. 9.*
Japan.

V. dilatatum var. formosanum, *Maxim.*

V. furcatum, *Blume*. China and Japan.

V. cordifolium, *Hook. f. & Thoms.*

V. lantanoides, *Miq.* (not *Michx.*).

V. hanceanum, *Maxim.* China.

V. tomentosum, *Hance* (not *Thunb.*).

V. Lantana, *L.*; Eng. Bot. ed. 3, t. 640. Europe, N. & W. Asia, N. Africa. "Wayfaring Tree."

V. macrophyllum, *Hort.*

V. tomentosum, *Lam.* (not *Thunb.*).

Var. foliis aureis variegatis.

Var. foliis punctatis.

V. lantanoides, *Michx.*; Garden and Forest 1889, 535, t. 141. North America. "Hobble-bush."

V. alnifolium, *Marsh.*

V. grandifolium, *Sm.*

V. indicum, *Hort.*

V. Lantana var. canadense, *Pers.*

V. Lantana var. grandifolium, *Ait.*

V. Lentago, *L.*; Sargent Silva of North America v. 96, tt. 223, 224. North America. "Sheep-berry."

V. acuminatum, *Hort.* (not *Wall.*).

V. nitidum, *Hort.*

V. pirifolium, *Hort.* (not *Poir.*).

V. prunifolium, *Hort.* (not *L.*).

V. macrocephalum, *Fortune* Bot. Reg. 1847, t. 43 (sterile form). China.

V. Fortunei, *Hort. gall.*

V. Keteleeri, *Carr.* Rev. Hort. 1863, 270, f. 31 (fertile form).

V. molle, *Michx.* Garden and Forest 1891, 30, f. 8. North America.

V. mexicanum, *Hort. gall.*

V. nudum, *L.*; Bot. Mag. t. 2281. Eastern and Southern United States.

V. anglicum, *Hort.*

V. longifolium, *Hort.*

V. nitidum, *Hort.*

***V. odoratissimum**, *Ker-Gawl.* Bot. Reg. t. 456. China.

V. Awafuki, *Hort.*

V. sinensis, *Zeyher.*

V. Opulus, *L.*; Eng. Bot. ed. 3, t. 639. Northern hemisphere. "Guelder Rose."

V. americanum, *Mill.*

V. edule, *Pursh.*

V. lobatum, *Lam.*

V. opuloides, *Muhl.*

V. Opulus *var. americanum*, *Ait.*

V. Opulus *var. edule*, *Michx.*

V. Oxycoccus, *Pursh.*

• *Var. fructu luteo.*

Var. nanum.

Var. roseum Tatteri.

Var. sterile. "Snowball Tree."

V. pauciflorum, *Pylaie*; Garden and Forest 1890, 5, f. 11. North America.

V. phlebotrichum, *Sieb. & Zucc.* Japan.

V. Wrightii, *Miq.*

V. prunifolium, *L.*; Sargent Silva of North America t. 225. North America. "Black Haw."

V. laevigatum, *Hort.*

V. obovatum, *Hort.*

V. pirifolium, *Poir.*

V. punicaefolium, *Hort.*

- V. pubescens*, *Pursh*; Garden and Forest 1890, 125, f. 26.
North America.
- V. rhytidophyllum*, *Hemsl.* Central China.
- V. rufidulum*, *Rafin.* Southern United States. "Southern
Black Haw."
- V. prunifolium* var. *ferrugineum*, *Torr. & Gray.*
- V. rufotomentosum*, *Small*; Britt. & Br. Illustr. Fl.
iii. 233, f.
- V. Sargentii*, *Koehne.* N. China.
- V. Sieboldii*, *Miq.* Japan.
V. reticulatum, *Hort.*
- V. stellulatum*, *Wall.* Himalaya.
- V. Tinus*, *L.*; Bot. Mag. t. 38. Mediterranean region.
"Laurustinus."
- Var. *Freebeli.*
- Var. *hirtum.*
- Var. *lucidum.*
- Var. *purpureum.*
- Var. *pyramidale.*
- V. tomentosum*, *Thunb.* Japan.
V. plicatum, *Sieb. & Zucc.* Fl. Jap. t. 38.
V. plicatum var. *tomentosum*, *Miq.*
- Var. *plicatum*, *Maxim.*
V. plicatum, *Thunb.*; *Sieb. & Zucc.* Fl. Jap. t. 37.
- Var. *plicatum grandiflorum.*
- V. utile*, *Hemsl.* Central China.
- Symphoricarpus Heyeri*, *Dippel.* Western United States.
S. occidentalis var. *Heyeri*, *Dieck.*
- S. mollis*, *Nutt.* var. *ciliatus*, (*Nutt.*). California.

S. occidentalis, R. Br. Western N. America. "Wolf-berry."

Symphoria occidentalis, R. Br.

S. orbiculatus, Moench. North America. "Indian Currant; Coral-berry."

S. fructo rubro, Hort.

S. glomeratus, C. Koch.

S. parviflorus, Desf.

S. vulgaris, Michx.

Symphoria glomerata, Pers.

Var. variegatus.

S. oreophilus, A. Gray. Western N. America.

S. racemosus, Michx. N. America. "Snowberry."

Symphoria racemosa, Pers. ; Bot. Mag. t. 2211.

S. rotundifolius, A. Gray (not C. Koch). Western United States.

S. glaucescens, Hort.

Abelia chinensis, R. Br. China.

A. rupestris, Hort. (not Lindl.).

A. uniflora, R. Br. ; Bot. Mag. t. 4694.

Linnaea chinensis, A. Br. & Vatke.

L. rupestris, A. Br. & Vatke.

Var. alba.

***A. floribunda, Decne. ; Bot. Mag. t. 4316.** Mexico.

***A. serrata, Sieb. & Zucc. Fl. Jap. I, t. 34.** Japan.

***A. spathulata, Sieb. & Zucc. ; Bot. Mag. t. 6601.** Japan.

A. triflora, R. Br. ; Lindl. & Paxt. Fl. Gard. iii. 93, t. 91.
Temperate Himalaya.

Linnaea triflora, A. Br. & Vatke.

Linnaea borealis, *L.*; Lodd. Bot. Cab. t. 183. Northern hemisphere. "Twin-flower."

• **Lonicera acuminata**, *Wall.* Temperate Himalaya.

L. alpigena, *L.*; Jacquin Flora Austriaca iii. t. 274.
European Alps, Himalaya.

Caprifolium alpigenum, *Gaertn.*

C. alpinum, *Lam.*

Chamaecerasus alpigenus, *Medic.*

Isika alpigena, *Borkh.*

I. lucida, *Moench.*

Xylosteum alpinum, *Dum.*

Var. *nana*.

L. Altmannii, *Regel & Schmalh.* Turkestan.

L. Amherstii, *Dippel.* Himalaya.

L. angustifolia, *Wall.*; Journ. Hort. Soc. Lond. 1848, iii.
238, f. Temperate Himalaya.

L. bella, *Zabel.* (Morrowi × tatarica). Garden origin.

L. Morrowi var. *rosea*, *Dippel.*

L. Browni, *Carr.* Garden origin.

L. sempervirens var. *Browni*, *Hort.* (probably a hybrid between *Sullivanti* or *glauca* and *sempervirens*).

L. caerulea, *L.*; Bot. Mag. t. 1965. Northern hemisphere.

Caprifolium caeruleum, *Lam.*

Xylosteum caeruleum, *Dum.-Cours.*

Var. *glabriuscula*.

Var. *graciliflora*, *Dippel.*

L. Karelini, *Hort.* (not *Bunge*).

Var. *viridifolia*, *Dippel.*

L. Kirilowi, *Hort.*

L. Caprifolium, *L*; Eng. Bot. ed. 3, t. 641. Central and S. Europe, W. Asia.

L. americana, *C. Koch*.

L. ciliosa, *Hort.* (not *Poir.*).

L. grata, *Soland.*

L. pallida, *Host.*

Caprifolium gratum, *Pursh.*

C. hortense, *Lam.*

C. perfoliatum, *Roehl.*

L. chrysantha, *Turcz.*; Gartenflora 1863, t. 404. Amurland, &c.

L. gibbiflora, *Maxim.* (not *Dippel*).

L. Xylosteum var. *chrysantha*, *Regel.*

Xylosteum gibbiflorum, *Rupr. & Maxim.*

L. ciliata, *Muhl.*; Britt. & Br. Ill. Flora iii. 241, f. Eastern United States. "Fly Honeysuckle."

L. canadensis, *Muhl.*

Xylosteum ciliatum, *Pursh.*

L. ciliosa, *Poir.* Western North America.

L. occidentalis, *Hook.*

Caprifolium ciliosum, *Pursh.*

C. occidentale, *Lindl. Bot. Reg.* t. 1457.

L. coerulescens, *Dippel* Laubholz. i. 233, f. 149. Garden origin.

L. tatarica × *Xylosteum*.

L. conjugalis, *Kellogg.* Western North America.

L. depressa, *Koyle.* Alpine Himalaya.

L. parvifolia, *Edgew.*

Var. **Myrtillus**.

L. Myrtillus, *Hook. f. & Thoms.*

L. dioica, *L.*; Bot. Reg. t. 138. North America.

L. glauca, *Hill.*

L. macrophylla, *Hort.*

L. media, *Murr.*

L. parviflora, *Lam.*

Caprifolium bracteatum, *Michx.*

C. dioicum, *Roem. & Schultz.*

C. glaucum, *Moench.*

C. parviflorum, *Pursh.*

***L. etrusca**, *Santi*; Reichb. Fl. Germ. xvii. t. 1172. South Europe, &c.

L. atrosanguinea, *Hort.*

L. gigantea, *Hort.*

Caprifolium etruscum, *Roem. & Schultz.*

C. giganteum, *Hort.*

Var. *superba*.

L. gigantea superba, *Hort*

Var. *viscidula*, *Boiss.* Asia Minor.

L. flava, *Sims* Bot. Mag. t. 1318; Garden and Forest 1890, 190, f. 31. South Carolina.

Caprifolium flavum, *Ell.*

C. Fraseri, *Pursh.*

L. fragrantissima, *Lindl. & Paxt.* Fl. Gard. iii. 75, f. 268. China.

L. candidissima, *Hort.*

L. caprifolioides, *C. Koch.*

L. Niaguarilli, *Hort.*

L. odoratissima, *Hort.*

L. volgarensis, *Hort.*

Chamaecerasus Niaguarilli, *Hort.*

L. gibbiflora, *Dippel* Laubholzk. i. 237, f. 151. (*chrysantha* × *ruprechtiana*). Mandshuria.

L. glabrata, *Wall.* Himalaya.

- L. gracilipes**, *Miq.* Japan.
 L. Philomelae, *Hort.*
- L. Heckrotti**, *Hort.* (probably hybrid between *semper-virens* and some European species). Garden origin.
- L. hirsuta**, *Eaton* ; Bot. Mag. t. 3103. N. America.
 L. Douglasii, *Hort.* (not *DC.*).
 L. pilosa, *Hort.*
 L. pubescens, *Sweet.*
 L. villosa, *Muhl.*
 Caprifolium Douglasii, *Lindl.*
 C. pilosum, *Hort.*
 C. pubescens, *Goldie.*
- L. hispida**, *Pall.* Central Asia, Siberia, &c.
 L. bracteata, *Royle.*
- L. hispidula**, *Dougl.* Bot. Reg. t. 1761. Western North America.
- L. iberica**, *Bieb.* Caucasus.
 L. chlamydophora, *C. Koch.*
 L. ciliaris, *Hort.*
 Xylosteum ibericum, *Bieb.*
- L. implexa**, *Soland.* ; Bot. Mag. t. 640. South Europe.
 L. balearica, *DC.*
 Caprifolium balearicum, *Dum.-Cours.*
- L. involucrata**, *Banks* ; Bot. Reg. t. 1179. N.W. America.
 L. bordwelliana, *Hort.*
 L. flavescens, *Dippel.*
 L. gibbosa, *Hort.*
 L. intermedia, *Kellogg.*
 L. Ledebourii, *Eschsch.*
 L. moçiniana, *DC.*
 Xylosteum involucratum, *Rich.*
- Var. humilis.**

L. italica, *Schmidt*. (Caprifolium \times etrusca ?) Garden origin.

L. Caprifolium, *Hort*. (not *L.*).

L. etrusca, *Hort*. (not *Santi*).

Caprifolium magnevillea, *Hort*.

L. Magnevillea, *Hort*.

L. occidentalis, *Hort*.

L. japonica, *Thunb.* China and Japan.

Var. aureo-reticulata.

L. brachypoda var. reticulata, Belg. Hort. 1871, 59, t. 5.

L. brachypoda var. foliis aureo-reticulatis. Ill. Hort. 1862, t. 337.

Var. chinensis, *Baker*.

L. chinensis, *Wats.* Dendr. Brit. ii. t. 117.

Var. flexuosa.

L. brachypoda, *DC.*

L. flexuosa, *Thunb.*; Bot. Reg. t. 712.

Var. halliana; American Gardening xii. 663.

L. flexuosa var. halleana, *Dippel*.

L. halleana, *Hort*.

Caprifolium hallianum, *Hort*.

C. japonicum var. Halli, *Hort*.

L. Karelini, *Bunge*. Central Asia.

L. Kesselringi, *Regel* Gartenflora 1891, 124. Kamtschatka.

L. orientalis var. kamtschatica, *Hort*.

L. savranica, *Hort*.

L. Korolkowii, *Stupf* Garden and Forest 1894, 34, f. 4. Turkestan.

L. floribunda, *Zabel* (not *Boiss. & Buhse*); Wittmack Gartenflora 1893, 103, f.

L. longiflora, *DC.* China.

Caprifolium longiflorum, *Lindl.* Bot. Reg. t. 1232.

L. Maacki, *Herd.* ; Gartenflora t. 1162. Mandshuria, &c.

Xylosteum Maackii, *Rupr.*

L. Maximowiczii, *Maxim.*; Gartenflora t. 597. Amurland, &c.

Xylosteum Maximowiczii, *Rupr.*

L. microphylla, *Willd.* ; Ledeb. Icon. Pl. Fl. Ross. t. 213.
Altai to Kashmir.

L. bungeana, *Ledeb.*

L. sieversiana, *Bunge.*

L. minutiflora, *Zabel.* (*micrantha* × *Xylosteum*). Garden origin.

L. Morrowi, *A. Gray* ; American Gardening xi. 1267.
Japan.

L. Mouraviae, *Hort.*

L. mündenensis, *Rehder* (*bella* × *gibbiflora*), Gartenflora 1893, 101. Garden origin.

L. muscaviensis, *Rehder* (*Morrowi* × *ruprechtiana*). Gartenflora 1893, 101.

L. nervosa, *Maxim.* China.

L. nigra, *L.* ; Jacq. Fl. Austriaca t. 314. European Alps, &c.

L. altaica, *Hort.* (not *Pall.*).

Chamaecerasus nigra, *Med.*

Xylosteum nigrum, *Mill.*

L. notha grandiflora, *Zabel.* Garden origin.

L. nummulariaefolia, *Jaub. & Spach.* Orient.

L. Xylosteum, *Sibth. & Sm.* Fl. Graeca t 223 (not *L.*).

L. oblongifolia, *Hook.* ; Britt. & Br. Illustr. Fl. iii., 240, f.
Canada and North United States.

L. obovata, *Royle.* Temperate Himalaya.

L. orientalis, *Lam.* ; Gartenflora t. 359. Orient.

L. caucasica, *Bieb.*

L. discolor, *Hort.*

L. goveniana, *Wall.*

L. occidentalis, *Hort.* (not *Hook.*).

L. schmitziana, *Dippel.*

L. Periclymenum, *L.* : Eng. Bot. ed. 3, t. 642. Europe, &c.
"Woodbine ; Honeysuckle."

Caprifolium Periclymenum, *Roem. & Schultz.*

C. sylvaticum, *Lam.*

Periclymenum germanicum, *Mill.*

Var. *belgica*.

Var. *quercifolia*.

L. verna variegata, *Hort.*

Caprifolium quercifolium, *Hort.*

Var. *serotina*.

L. serotina, *Hort.*

L. pileata, *Oliver* Hook. Icon. Plant. t. 1585. Central
China.

L. plantierensis, *E. André* Ill. Hort. xviii. t. 86. Garden
origin.

L. ciliosa var. *plantierensis*, *Dippel.*

(Probably a hybrid of *sempervirens* with *Sullivanti*
or *glauca*.)

L. purpurascens, *Walp.* Subalpine Himalaya.

L. sericea, *Royle.*

Xylosteum purpurascens, *Jacquem.* Voy. Bot. 79, t. 87.

- L. pyrenaica**, *L.*; Bot. Mag. t. 7774. Pyrenees.
Caprifolium pyrenaicum, *Lam.*
- L. quinquelocularis**, *Hardw.* Temperate Himalaya.
L. diversifolia, *Wall.*; Bot. Reg. xxx. t. 33.
- L. regeliana**, *Petz. & Kirchn.*; Dippel Laubholzk. i. 220,
 f. 140. Amurland.
L. chrysantha × *Xylosteum*, *Rehder.*
- L. rupicola**, *Hook. f. & Thoms.* Himalaya.
- L. ruprechtiana**, *Regel.* Gartenflora 1870, 68, t. 645. Mand-
 shuria, &c.
- L. salicifolia**, *Zabel.* (*micrantha* × *ruprechtiana*). Garden
 origin.
L. ruprechtiana var. *salicifolia*, *Dippel.*
- L. segreziensis**, *Lavallée.* Origin uncertain.
L. diversifolia, *Hort.* (not *Wall.*).
L. hispida, *Hort.* (not *Pall.*).
L. quinquelocularis × *Xylosteum*?
- ***L. sempervirens**, *L.*; Bot. Mag. t. 781. South United
 States. "Trumpet Honeysuckle."
L. caroliniana, *Marsh.*
L. fuchsioides, *Hort.* (not *Hemsl.*).
L. virginiana, *Marsh.*
Caprifolium sempervirens, *Michx.*
Periclymenum sempervirens, *Mill.*
- Var. *minor.* Bot. Mag. t. 1753.
- L. spinosa**, *Jacquem.* Eastern Turkestan, &c.
L. Alberti, *Regel*; Bot. Mag. t. 7394.
Xylosteum spinosum, *Decne.*

- L. Standishii**, *Hook.* Bot. Mag. t. 5709. China.
 L. fragrantissima, *Carr.* (not *Paxt.*).
 L. odoratissima, *Hort.*
 L. sinensis, *Hort.*
 Chamaecerasus Standishii, *Lesc.*
- L. Sullivantii**, *A. Gray*; Garden and Forest 1890, 191, f. 32. North-Eastern United States.
 L. flava, *Hort.* Rev. Horticult. 1856, 221 t. (not *Sims*).
- L. syringantha**, *Maxim.*; Gartenflora 1892, 564, ff. 115, 116. China.
- L. tangutica**, *Maxim.*; Gartenflora 1891, 580, ff. 104, 105. China.
- L. tatarica**, *L.*; Bot. Reg. t. 31. Siberia, &c.
 Chamaecerasus tatarica, *Medic.*
 Xylosteum cordatum, *Moench.*
 X. tataricum, *Medic.*
- Var. *nana*.
- Var. *pulcherrima*.
- Var. *punicea*.
 L. punicea, *Sims* Bot. Mag. t. 2469.
- Var. *speciosa*, *Carr.* Rev. Horticult. 1868, 392, t.
 var. *splendens*, *Regel.*
- L. thibetica**, *Bur. & Franch.* Tibet.
- L. tomentella**, *Hook. f. & Thoms.*; Bot. Mag. t. 6486.
 Temperate Himalaya,
- L. tragophylla**, *Hemsl.* Central China.
- L. translucens**, *Carr.* Origin uncertain.

L. Xylosteum, *L.*; Eng. Bot. ed. 3, t. 643. Europe,
Northern Asia.

L. dumetorum, *Moench*.

L. vulgare, *Roehl*.

L. xylosteoides, *Tausch*.

Caprifolium dumetorum, *Pers*.

Chamaecerasus Xylosteum, *Medic*.

Leycesteria formosa, *Wall.*; Bot. Mag. t. 3699. Temperate
Himalaya.

L. nepalensis, *Hort*.

Var. *variegata*.

Diervilla floribunda, *Sieb. & Zucc*. Fl. Jap. t. 32. Japan.

D. multiflora, *Lemaire*.

Var. *Lavallei*, *Hort*.

Var. *Loweii*, *Hort*.

Var. *versicolor*, *Rehder*.

D. versicolor, *Sieb. & Zucc*. Fl. Jap. t. 33.

D. florida, *Sieb. & Zucc*. China.

D. rosea, *Walp*.

Weigela amabilis, *Hort*.

W. rosea, *Lindl.*; Bot. Mag. t. 4396.

Var. *candida*.

Var. *variegata*.

D. grandiflora, *Sieb. & Zucc*. Fl. Jap. t. 31. Japan.

D. coraeensis, *DC*.

D. amabilis, *Carr.*; Flore des Serres t. 855.

D. hybrida, *Hort*. (This has been proposed as a collective name for the hybrids of the above-mentioned species, which are more common in cultivation than the species themselves.)

D. japonica, DC. Japan.

Weigela japonica, Thunb.

Var. hortensis, Rehder.

D. hortensis, Sieb. & Zucc. Fl. Jap. 1. 70, t. 29.
Japan.

Var. Looymansii aurea.

D. Lonicera, Mill. North America.

D. canadensis, Willd.

D. humilis, Pers. ; Bot. Mag. t. 1796.

D. lutea, Pursh.

D. Tournefortii, Michx.

D. trifida, Moench.

D. middendorffiana, Carr. Siberia, &c.

Calyplostigma middendorffianum, Trautv. & Mey. ;
Gartenflora 1857, 347, t. 183.

Weigela middendorffiana, Hort.

D. praecox, Lemoine ; *Gartenflora 1897, t. 1441.* Japan.

D. sessilifolia, Buckl. ; *Lavallée Arbor. Segrez. Ic. 25, t. 8.*
Carolina and Tennessee.

Var. splendens.

D. splendens, Carr.

Rubiaceae.

Cephalanthus occidentalis, L. ; *Rev. Hort. 1889, 280, f. 70.*
North America. "Button-bush."

Coprosma acerosa, A. Cunn. New Zealand.

Var. prostrata.

Compositae.

***Aplopappus ericoides**, *DC.*; Gard. Chron. 1896, xx. 301, f. 57. California.

Diplopappus ericoides, *Less.*

Ericameria microphylla, *Nutt.*

Haplopappus ericoides, *Benth. & Hook. f.*

Bigelovia Douglasii, *A. Gray.* Western North America.

B. viscidiflora, *DC.*

Brickellia linearifolia, *Klatt.*

Chrysothamnus pumilus, *Nutt.*

C. viscidiflorus, *Nutt.*

Linosyris viscidiflora, *Torr. & Gray.*

Var. *tortifolia*, *A. Gray.*

Linosyris lanceolata, *Hook.*

B. graveolens, *A. Gray.* Western North America.

B. dracunculoides, *DC.*

Chrysocoma dracunculoides, *Pursh* (not *Lam.*).

C. graveolens, *Nutt.*

Chrysothamnus dracunculoides, *Nutt.*

C. speciosus, *Nutt.*

Linosyris graveolens, *Torr. & Gray.*

Olearia Haastii, *Hook. f.*; Bot. Mag. t. 6592. New Zealand.

***O. macrodonta**, *Baker* Bot. Mag. t. 7065. New Zealand.

O. dentata, *Hook. f.*

***O. stellulata**, *DC.* Australia.

O. gunniana, *Hook. f.* Bot. Mag. t. 4638.

Eurybia gunniana, *DC.*

**O. Traversii*, *F. Muell.*; Gard. Chron. 1887, ii. 187, f. 42.
New Zealand.

Eurybia Traversii, *F. Muell.*

Microglossa albescens, *C. B. Clarke*; Bot. Mag. t. 6672.
Himalaya.

M. cabulica, *C. B. Clarke.*

Amphiraphis albescens, *DC.*

Aster albescens, *Walp.*

A. cabulicus, *Lindl.*

Baccharis halimifolia, *L.*; Dippel Laubholzk. i. 294, f. 195.
N. America. "Groundsel Tree."

B. patagonica, *Hook. & Arn.* Magellanic region.

B. salicina, *Torr. & Gray.* Colorado to Texas.

B. salicifolia, *Nutt.*

**Helichrysum antennarium*, *F. Muell.* Australia.

Swammerdamia Antennaria, *DC.*

**H. glomeratum*, *Nichols.* New Zealand.

Ozothamnus glomeratus, *Hook. f.*

Swammerdamia glomerata, *Raoul.*

**H. rosmarinifolium*, *DC.* Victoria and Tasmania.
"Snow in Summer."

Ozothamnus rosmarinifolius, *DC.*

H. serotinum, *Boiss.* South-Western Europe.

Cassinia fulvida, *Hook. f.*; Gartenflora, 1890, 241, f. 56.
New Zealand.

Diplopappus chrysophyllus, *Hort.*

**C. leptophylla*, *Hort.* New Zealand.

Calea leptophylla, *Forst.*

**C. Vauvilliersii*, *Hook. f.* New Zealand.

Diplopappus Vauvilliersii, *Hort.*

Ozothamnus Vauvilliersii, *Homb. Jacq. & Mont.*
Voyage de l'Astrolabe t. 55.

Iva frutescens, *L.*; *Britt. & Br. Illustr. Fl.* iii. 292, f.
 Massachusetts to Florida, &c. "Marsh Elder."

Santolina Chamaecyparissus, *L.* South Europe. "Lavender
 Cotton."

S. incana, *Lam.*

S. rosmarinifolia, *L.* Spain and Portugal.

S. pectinata, *Lag.*

S. viridis, *Willd.* South Europe.

S. virens, *Mill.*

Artemisia Abrotanum, *L.* South Europe. "Southern-
 wood."

A. arborescens, *L.* South Europe.

A. austriaca, *Jacq.* Eastern Europe, &c.

A. procera, *Willd.* South-East Europe, Asia Minor. "Sage-
 bush."

A. tridentata, *Nutt.* Western United States.

**Senecio laxifolius*, *J. Buch.*; *Bot. Mag.* t. 7378. New
 Zealand.

S. Grayii, *Hort.*

S. latifolius, *Hort.* (not *Banks & Soland.*). *Gard.*
Chron. 1894, xvi. 315, f. 43.

Vacciniaceae.

Gaylussacia brachycera, *Torr. & Gray*; Pennsylvania to Virginia. "Box Huckleberry."

Adnaria brachycera, *O. Kuntze*.

Vaccinium brachycerum, *Michx.*

V. buxifolium, *Salisb.*; Bot. Mag. t. 968.

G. dumosa, *Torr. & Gray*; Newfoundland and Eastern United States. "Dwarf Huckleberry."

Vaccinium dumosum, *Andr.* Bot. Rep. t. 112; Bot. Mag. t. 1106.

V. frondosum, *Michx.* (not *L.*).

G. frondosa, *Torr. & Gray*; Gard. Chron. 1890, vii. 580, f. 93. Eastern United States. "Blue Tangle; Dangleberry."

Vaccinium frondosum, *L.*; Andr. Bot. Rep. t. 140.

V. glaucum, *Michx.*

V. venustum, *Ait.*

G. resinosa, *Torr. & Gray*. North America. "Black Huckleberry."

Vaccinium parviflorum, *Andr.* Bot. Rep. t. 125.

V. resinosum, *Ait.*; Bot. Mag. t. 1288.

G. ursina, *Torr. & Gray*. Mountains of North and South Carolina.

Vaccinium ursinum, *M. A. Curt.*

Vaccinium arboreum, *Marsh.*; Lodd. Bot. Cab. t. 1885; Sargent Silva of North America v. 119, t. 230. Florida and Texas to North Carolina and South Illinois. "Farkle-berry."

V. diffusum, *Ait.*; Bot. Mag. t. 1607.

V. Arctostaphylos, *L.*; Bot. Mag. t. 974. Caucasus, &c.

V. canadense, *Kalm* ; Bot. Mag. t. 3446. North America.
"Canadian Whortleberry."

V. album, *Lam.* (not *L.*).

V. ciliatum, *Thunb.* Japan.

V. corymbosum, *L.* ; Bot. Mag. t. 3433. North America.
"Common Blueberry ; Swamp Blueberry."

V. disomorphum, *Michx.*

V. marianum, *Wats.* Dendr. Brit. t. 124.

Var. amoenum, *A. Gray.*

V. amoenum, *Ait.* ; Andr. Bot. Rep. t. 138.

Var. fuscatum, *A. Gray* ; Southern United States.

V. fuscatum, *Ait.*

V. crassifolium, *Andr.* Bot. Rep. t. 105 ; Bot. Mag. t. 1152.
North Carolina to Georgia.

V. carnosum, *Pers.*

V. myrtifolium, *Michx.*

V. erythrocarpum, *Michx.* ; Bot. Mag. t. 7413. Virginia to
Georgia.

Oxycoccus erectus, *Pursh.*

O. erythrocarpus, *Pers.*

***V. glauco-album**, *Hook. f.* Himalaya.

V. hirsutum, *Buckl.* ; Garden and Forest 1889, 365, f. 119.
Mountains of North Carolina.

V. intermedium, *Ruthe* (*Myrtillus* × *Vitis-Idaea*) : Journ.
Linn. Soc. xxiv. 125, t. 3. Europe.

V. japonicum, *Miq.* Japan.

***V. Mortinia**, *Benth.* ; Bot. Mag. t. 6872. Andes of
Ecuador.

***V. Myrsinites**, *Lam.* South United States.

V. Sprengelii, *Hort.* (not *Wall.*).

V. nitidum *var. decumbens*, *Sims Bot. Mag.* t. 1550.

V. Myrtillus, *L.*; *Eng. Bot.* ed. 3, t. 879. Northern hemisphere. "Whortleberry; Bilberry; Blaeberry."

Var. fructu albo.

V. occidentale, *A. Gray.* Mountains of California and Utah.

V. ovatum, *Pursh*; *Bot. Mag.* t. 4732. Vancouver's Island to Monterey, &c.

V. prunifolium, *Hort.*

V. padifolium, *Sm.*; *Bot. Mag.* t. 7305. Madeira.

V. Arctostaphylos var. padifolium, *Loud.*

V. maderense, *Link.*

V. parvifolium, *Sm.*; *Hook. Fl. Bor. Am.* t. 128. North California to Alaska and the Aleutian Islands. "Dwarf Blueberry."

V. pensylvanicum, *Lam.*; *Bot. Mag.* t. 3434. North America.

V. humile, *Willd.*

V. myrtilloides, *Michx.* (not *Hook.*).

V. ramulosum, *Willd.*

V. tenellum, *Pursh.*

Var. angustifolium, *A. Gray.*

V. angustifolium, *Ait.*

V. salicinum, *Aschers.*

V. stamineum, *L.*; *Andr. Bot. Rep.* t. 263. Maine and Michigan to Florida and Louisiana. "Deerberry."

V. album, *Pursh* (not *L.*).

V. elevatum, *Soland.*

V. uliginosum, *L.*; Eng. Bot. ed. 3, t. 878. Northern hemisphere.

V. gaultherioides, *Bigel.*

V. pubescens, *Wormsk.*

V. vacillans, *Soland.* New England to North Carolina and Missouri.

V. Vitis-idaea, *L.*; Eng. Bot. ed. 3, t. 877. Northern hemisphere. "Cowberry."

V. punctatum, *Lam.*

Vitis-Idaea punctata, *Moench.*

Var. major, *Lodd.* Bot. Cab. t. 616.

Var. minor.

Oxycoccus macrocarpus, *Pers.* North America. "American Cranberry."

Vaccinium macrocarpon, *Ait.*; Bot. Mag. t. 2586.

V. Oxycoccus var. oblongifolium, *Michx.*

O. palustris, *Pers.* Northern hemisphere. "Cranberry."

O. vulgaris, *Pursh.*

Vaccinium Oxycoccus, *L.*; Eng. Bot. ed. 3, t. 876.

Chiogenes serpyllifolia, *Salisb.*; Britt. & Br. Illustr. Fl. ii. 581, f. North America. "Creeping Snowberry."

C. hispidula, *Torr. & Gray.*

Gaultheria hispidula, *Muhl.*

G. serpyllifolia, *Pursh.*

Oxycoccus hispidulus, *Pers.*

Vaccinium hispidulum, *L.*

Ericaceae.

Arbutus Andrachne, *L.*; Bot. Mag. t. 2024. Levant, &c.

A. integrifolia, *Lam.*

A. Sieberi, *Klotzsch.*

A. hybrida, *Ker.-Gawl.* Bot. Reg. t. 619. (*Andrachne* × *Unedo*). Garden origin.

A. Andrachne var. *serratifolia*, *Hort.*

A. andrachnoides, *Link.*

A. magnifica, *Hort.*

A. Milleri, *Hort.*

A. photiniaefolia, *Hort.*

A. Rollissoni, *Hort.*

A. serratifolia, *Lodd.*

A. Menziesii, *Pursh*; Sargent Silva of North America t. 231. California, &c. "Madroño."

A. procera, *Dougl.*; Bot. Reg. t. 1753.

A. Andrachne, *Hort.* (not *L.*).

A. Unedo, *L.*; Gard. Chron. 1878, x. 689, f. 115. Southern Europe (Ireland). "Strawberry Tree."

Unedo edulis, *Hoffingg. & Link.*

Var. *compacta*.

Var. *integerrima*, *Sims* Bot. Mag. t. 2319.

A. rotundifolia, *Hort.*

Var. *microphylla*.

A. microphylla, *Hort.*

Var. *quercifolia*.

Var. *rubra*, *Ait.*

A. Croomii, *Hort.*

Arctostaphylos alpina, *Spreng.*; Eng. Bot. ed. 3, t. 880. Northern hemisphere.

Arbutus alpina, *L.*

***A. diversifolia**, *Parry*. California.

A. pungens, *H.B.K.* California.

A. Hookeri, *G. Don*.

Arbutus pungens, *Hook. & Arn.*

***A. tomentosa**, *Lindl.* Bot. Reg. t. 1791. California, &c.
"Manzanita."

Arbutus tomentosa, *Pursh.*

A. Uva-ursi, *Spreng.*; Eng. Bot. ed. 3, t. 881. Northern hemisphere. "Bearberry."

A. officinalis, *Wimm. & Grab.*

Arbutus Uva-ursi, *L.*

Pernettya arctica, *Hort.*

Var. californica.

A. californica, *Hort.*

***A. viscida**, *Parry.* Pacific coast of N. America.

Pernettya mucronata, *Gaudich.* Magellanic region.

P. angustifolia, *Hort.*

P. Cummingi, *Hort.*

P. Drummondii, *Hort.*

P. speciosa, *Hort.*

Arbutus mucronata, *L.*; Bot. Mag. t. 3093.

Many garden varieties.

P. rupicola, *Philippi*; Koehne Dendrologie 470, f. 75.
Chili.

Gaultheria antipoda, *Forst.* Tasmania and New Zealand.

***G. nummularioides**, *D. Don*; Gard. Chron. 1884, xxii.
457, f 84. Himalaya, &c.

G. Nummulariae, *DC.*

G. procumbens, *L.*; Bot. Mag. t. 1966. North America.
"Creeping Wintergreen."

Gautiera procumbens, *Torr.*

G. pyrolaeifolia, *Hook. f.* Himalaya.

G. pyroloides, *Hook. f. & Thoms.*

G. Shallon, *Pursh.*; *Bot. Mag.* t. 2343. Western North America. "Shallon; Salal."

Cassandra calyculata, *D. Don.* Northern hemisphere.
"Leather-leaf."

Andromeda calyculata, *L.*; *Bot. Reg.* t. 1286.

Chamaedaphne calyculata, *Moench.*

Lyonia calyculata, *Reichb.*

Var. *latifolia*.

Var. *nana*.

Cassiope fastigiata, *D. Don.*; *Bot. Mag.* t. 4796. Alpine Himalaya.

Andromeda fastigiata, *Wall.*

C. hypnoides, *D. Don.* Arctic regions of northern hemisphere.

Andromeda hypnoides, *L.*; *Bot. Mag.* t. 2936.

C. tetragona, *D. Don.* Arctic regions of northern hemisphere.

Andromeda tetragona, *L.*; *Bot. Mag.* t. 3181.

Leucothoe axillaris, *D. Don.* South-eastern United States.

Andromeda axillaris, *Lam.*; *Bot. Mag.* t. 2357.

L. Catesbaei, *A. Gray.* Virginia to Georgia.

L. spinulosa, *D. Don.*

Andromeda angustata, *Hort.*

A. axillaris, *Michx.*

A. Catesbaei, *Walt.*; *Bot. Mag.* t. 1955.

A. spinulosa, *Pursh.*

L. Davisiae, *Torr.* ; Bot. Mag. t. 6247. California.
L. Lobbi, *Hort.*

L. racemosa, *A. Gray.* North America.

L. spicata, *G. Don.*

Andromeda paniculata, *L.*

A. racemosa, *L.*

A. spicata, *Wats. Dendr. Brit. t. 36.*

A. tomentosa, *Dum.-Cours.*

Lyonia racemosa, *G. Don.*

L. recurva, *A. Gray.* Virginia to Alabama.

Andromeda recurva, *Buckl.*

Oxydendron arboreum, *DC.* ; Sargent Silva of North America t. 235. North America. "Sorrel Tree ; Sourwood."

Andromeda arborea, *L.* ; Bot. Mag. t. 905.

Lyonia arborea, *D. Don.*

Epigaea repens, *L.* ; Andr. Bot. Rep. t. 102. North America.

Lyonia ligustrina, *DC.* North America.

L. capreaefolia, *Wats. Dendr. Brit. t. 37.*

L. multiflora, *Wats. Dendr. Brit. 128.*

L. paniculata, *Nutt.*

L. parabolica, *C. Koch.*

L. salicifolia, *Wats. Dendr. Brit. 127.*

Andromeda ligustrina, *Muhl.*

A. parabolica, *Duham.*

A. tomentosa, *Hort.*

Xolisma ligustrina, *Britt. & Br. Illustr. Fl. ii. 570, f.*

Var. *pubescens*, *A. Gray.*

Zenobia speciosa, *D. Don*. Florida to North Carolina.

Andromeda cassinefolia, *Sims.*; Bot. Mag. t. 970.

A. nitida, *Hort.*

A. nuda, *Hort.*

A. speciosa, *Michx.*

A. viridis, *Hort.*

Var. pulverulenta. Gard. Chron. 1890, viii. 612, f. 100.

A. dealbata, *Lindl.* Bot. Reg. t. 1010.

A. pulverulenta, *Bartr.*

A. speciosa var. *glauca*, *Wats.* Dendr. Brit. t. 126.

Lyonia pulverulenta, *C. Koch.*

Var. quercifolia, *Hort.*

Andromeda polifolia*, *L.; Eng. Bot. ed. 3, t. 883. Northern and Arctic regions.

A. glaucophylla, *Link.*

A. rosmarinifolia, *Pursh.*

Rhododendron polifolium, *Scop.*

Var. angustifolia.

Var. major.

Pieris floribunda*, *Benth. & Hook. f. Virginia to Georgia.

Andromeda floribunda, *Pursh*; Bot. Mag. t. 1566;
Bot. Reg. t. 807.

Leucothoe floribunda, *D. Don.*

Portuna floribunda, *Nutt.*

Zenobia floribunda, *DC.*

***P. formosa**, *D. Don*; Gard. Chron. 1881, xv. 568, f. 107.
Temperate Himalaya, China.

Andromeda formosa, *Wall.*

P. japonica, *D. Don* ; Gard. Chron. 1882, xvii. 796, f. 120.
Japan.

Andromeda japonica, *Thunb.* ; Fl. Jap. 181, t. 22.

Var. *variegata*.

P. mariana, *Benth. & Hook. f.* Rhode Island to Florida,
&c. "Stagger-Bush."

Andromeda mariana, *L.* ; Bot. Mag. t. 1579.

A. pulchella, *Salisb.*

Leucothoe mariana, *DC.*

Lyonia mariana, *D. Don.*

P. nitida, *Benth. & Hook. f.* North Carolina to Florida
and Louisiana.

Andromeda coriacea, *Ait.* ; Bot. Mag. t. 1095.

A. lucida, *Lam.* (not *Jacq.*).

A. marginata, *Duham.*

A. mariana, *Jacq.* (not *L.*).

A. myrtifolia, *Salisb.*

A. nitida, *Bartr.*

Leucothoe coriacea, *DC.*

Lyonia marginata, *D. Don.*

P. ovalifolia, *D. Don.* Temperate Himalaya.

Andromeda ovalifolia, *Wall.* ; Loud. Arbor. Brit. 570,
f. 1070.

Enkianthus campanulatus, *Nichols.* ; Bot. Mag. t. 7059.
Japan.

Andromeda campanulata, *Miq.*

E. cernuus, *Benth. & Hook. f.* Japan.

Andromeda cernua, *Miq.*

Meisteria cernua, *Sieb. & Zucc.*

E. himalaicus, *Hook. f. & Thoms.* ; Bot. Mag. t. 6460 Hi-
malaya, China.

E. japonicus, *Hook. f.* Bot. Mag. t. 5822. Japan.

Calluna vulgaris, *Salisb.*; Eng. Bot. ed. 3, t. 894. Europe,
&c. "Ling."

Erica vulgaris, *L.*

Var. *alba*.

Var. *alba aurea*.

Var. *alba minor*.

Var. *alba pilosa*.

Var. *alba pumila*.

Var. *alba rigida*.

Var. *alba Serlei*.

Var. *alba tenella*.

Var. *Alporti*.

Var. *argentea*.

Var. *aurea*.

Var. *cuprea*.

Var. *flore pleno*.

Var. *Foxii*.

Var. *Hammondi*.

Var. *hypnoides*.

Var. *lanulosa*.

Var. *minima*.

Var. *pygmaea*.

Var. *rosea*.

Var. *rubra*.

Var. *tenuis*.

**Erica arborea*, *L.*; Moggridge Flora of Mentone t. 59 b.
Mediterranean and Caucasus.

Var. *alpina*, *Dieck*.

**E. australis*, *L.* Portugal, &c.

E. carnea, *L.*; Bot. Mag. t. 11. Europe.

E. herbacea, *L.*

Var. *alba*.

E. ciliaris, *L.*; Eng. Bot. ed. 3, t. 887; Bot. Mag. t. 484.
South-Western Europe. (Cornwall, &c.)

Var. *mawiana*. Portugal.

E. mawiana, *Hort*.

E. cinerea, *L.*; Eng. Bot. ed. 3, t. 891. West Europe to
Germany and North Italy.

Var. *alba*.

Var. *alba minor*.

Var. *atropurpurea*.

Var. *atrosanguinea*.

Var. *coccinea*.

Var. *polypetala*.

Var. *purpurea*.

Var. *rosea*.

**E. lusitanica*, *Rudolph*. Spain and Portugal.

E. codonodes, *Lindl.* Bot. Reg. t. 1698; Gard. Chron.
1877, vii. 463, f. 70.

E. polytrichifolia, *Salisb.*

E. lusitanica × *arborea*. Garden origin.

E. Mackaii, *Hook.* Spain, Galway.

E. mackaiana, *Bab.*; Eng. Bot. ed. 3, t. 890.

E. Tetralix var. *mackayana*, *Hort*.

E. mediterranea, L. South-west France, Spain.

Var. *alba*.

Var. *glauca*.

Var. *hibernica*, *Hook.*

E. hibernica, *Syme Eng. Bot. t. 892.*

Var. *hybrida*.

Var. *nana*.

E. multiflora, L. ; Moggridge Flora of Mentone t. 59a.
South Europe.

E. peduncularis, *J. & C. Presl. (not Salisb.)*.

E. scoparia, L. ; Moggridge Flora of Mentone t. 59c.
Western Mediterranean region.

E. arborea, *Hort. (not L.)*.

E. virgulata, *Wendl.*

E. stricta, Donn ; Andr. Heathery, ii. t. 92. South Europe.

E. corsica, *DC.*

E. multicaulis, *Salisb.*

E. pendula, *Wendl.*

E. ramulosa, *Viv.*

E. Tetralix, L. ; Eng. Bot. ed. 3, t. 889. North and West
Europe to Russia. "Cross-leaved Heath."

Var. *alba*.

Var. *mollis*.

Var. *rubra*.

E. vagans, L. ; Eng. Bot. ed. 3, t. 893. South-western
Europe (Cornwall). "Cornish Heath."

Var. *alba*.

Var. *grandiflora*.

Var. *rubra*.

E. Watsoni, DC. South-western England.

E. Tetrabei-ciliaris, Syme Eng. Bot. ed. 3, t. 888.

Bruckenthalia spiculifolia, Reichb. Eastern Europe, Asia Minor.

Erica spiculifolia, Sibth. Fl. Graeca t. 353.

Menziesia Bruckenthalii, Baumg.

Loiseleuria procumbens, Desv. ; Lodd. Bot. Cab. t. 762.
Arctic and Alpine Europe, Asia, America. "Alpine Azalea."

Azalea procumbens, L.

Chamaeledon procumbens, Link.

Bryanthus Breweri, A. Gray. Sierra Nevada, California.

B. empetriformis, A. Gray. British Columbia to California, &c.

Menziesia empetriformis, Sm. ; Bot. Mag. t. 3176.

M. Grahmi, Hook.

Phyllodoce empetriformis, D. Don.

P. Grahmi, Nutt.

B. erectus, Lindl. & Paxt. Fl. Gard. i. 97, pl. 19. Garden origin.

B. empetriformis × *Rhododhamnus Chamaecistus*.

B. taxifolius, A. Gray. Cold regions of northern hemisphere.

B. caeruleus, Dippel.

Andromeda caerulea, L.

A. taxifolia, Pall.

Menziesia caerulea, Sw. ; Eng. Bot. ed. 3. *

Phyllodoce caerulea, Bab.

P. taxifolia, Salisb.

Daboëcia polifolia, *D. Don* ; Eng. Bot. ed. 3, t. 885. Ireland,
West France, Spain, Portugal, Azores. "St.
Dabeoc's Heath."

D. cantabrica, *C. Koch*.

Andromeda Daboecia, *L.*

Menziesia polifolia, *Juss.*

Var. *alba*.

Var. *bicolor*.

Var. *pygmaea*, *Hort. Keiv.*

Kalmia angustifolia, *L.* ; Bot. Mag. t. 331. North America.
"Sheep Laurel."

Var. *glauca*.

Var. *lucida*.

Var. *nana*.

• Var. *nitida*.

Var. *ovata*.

Var. *rosea*.

Var. *rubra*.

K. glauca, *Ait.* ; Bot. Mag. t. 177. North America.

K. latifolia, *L.* ; Bot. Mag. t. 175. North America.
"Calico-Bush."

Var. *myrtifolia*.

Var. *polypetala*. Garden and Forest 1890, 453, f. 56.

Rhodothamnus Chamaecistus, *Reichb.* Austrian Alps.

Rhododendron Chamaecistus, *L.* ; Bot. Mag. t. 488.

Leiophyllum buxifolium, *Ell.*; Bot. Mag. t. 6752. New Jersey to Florida, and the mountains of Carolina. "Sand Myrtle."

L. serpyllifolium, *DC.*

L. thymifolium, *G. Don.*

Ammyrsine buxifolia, *Pursh.*

Ledum buxifolium, *Berg.*

L. intermedium, *Hort.*

L. thymifolium, *Lam.*

Var. prostratum.

L. Lyoni, *Sweet.*

L. prostratum, *Loud.*

Ammyrsine prostrata, *Sweet.*

Elliottia paniculata, *Benth. & Hook. f.* Japan.

Tripetaleia paniculata, *Sieb. & Zucc.*

M. racemosa, *Muhl.*; Garden and Forest 1894, 205, f. 37 Georgia.

Ledum glandulosum, *Nutt.*; Bot. Mag. t. 7610. California, British Columbia, and northern Rocky Mountains.

L. latifolium, *Ait.* North America. "Labrador Tea."

L. canadense, *Lodd.*; Bot. Cab. t. 1049.

L. groenlandicum, *Retz.*

L. hirsutum, *Hort.*

L. palustre var. *canadense*, *Hort.*

L. palustre var. *decumbens*, *Hort.*

L. palustre var. *latifolium*, *Michx.*

L. palustre var. *medium*, *Hort.*

Var. compactum.

L. compactum, *Hort.*

L. palustre, *L.*; Lodd. Bot. Cab. t. 560. Northern and Arctic Regions.

L. angustifolium, *Hort.*

L. longifolium, *Hort.*

L. odoratum, *Hort.*

Var. *dilatatum*.

† AZALEASTRUM.

Rhododendron albiflorum, *Hook.*; Bot. Mag. t. 3670.
Northern Rocky Mountains and Oregon to British Columbia.

R. ovatum, *Planch.* China.

Azalea ovata, *Lindl.*; Bot. Mag. t. 5064.

†† AZALEA.

R. Albrechti, *Maxim.* Japan.

R. arborescens, *Torr.*; Garden and Forest 1888, 404, f. 64.
Mountain region from Pennsylvania to North Carolina and Tennessee.

Azalea arborescens, *Pursh.*

A. fragrans, *Rafn.*

R. calendulaceum, *Torr.* Pennsylvania to Georgia.

Azalea calendulacea, *Michx.*

A. pontica var. *calendulacea*, *Pers.*

Var. *flammea*. Bot. Mag. t. 2143.

Var. *Morteri*, *Sweet Brit. Fl. Gard.* iv. t. 10,

"*R. calendulaceum* × red variety of *R.*"

Many garden varieties and

R. dilatatum, *Miq.* Japan.

R. flavum, *G. Don.* Caucasus, &c.

Azalea pontica, L. ; Bot. Mag. t. 433.

Anthodendron flavum, Reichb.

Var. albiflorum.

Azalea pontica var. albiflora, Bot. Mag. t. 2383.

Var. ardens, *Sweet* Brit. Fl. Gard. vii. t. 306.

Many garden varieties and hybrids.

***R. indicum, *Sweet.* China and Japan. "Indian Azalea."**

Azalea indica, L.

Var. amoenum, *Maxim.*

R. amoenum, Planch.

*Azalea amoena, Lindl. & Paxt. Fl. Gard. iii. t. 89 ;
Bot. Mag. t. 4728.*

Var. amoenum splendens.

Var. balsaminaeflorum.

Azalea balsaminaeflora, Carr. ; Rev. Hort. 1882, pl.

A. Rollisoni, Hort.

A. rosaeiflora, Hort.

Var. Caldwelli.

Var. calyciflorum.

Var. Kaempferi, *Maxim.*

R. Sieboldi, Miq.

Var. obtusum.

R. obtusum, Planch.

R. Sieboldi var. minus, Miq.

Azalea obtusa, Lindl. Bot. Reg. xxxii. t. 37.

Var. obtusum album.

***R. ledifolium**, *G. Don.* Japan, China, &c.

R. leucanthum, *Blume.*

R. rosmarinifolium, *Dippel.*

Azalea indica *var. alba*, *Lindl.* Bot. Reg. t. 811.

A. ledifolia, *Hook.* Bot. Mag. t. 2901.

A. liliiflora, *Poit.*

Var. narcissiflorum.

***R. linearifolium**, *Sieb. & Zucc.* Japan.

R. rosmarinifolium, *Hort.* (not *Dippel*).

Azalea linearifolia, *Hook.* Bot. Mag. t. 5769.

R. nudiflorum, *Torr.* Canada to Florida and Texas.
"Pinxter Flower."

R. bicolor, *Sweet.*

R. canescens, *G. Don.*

Azalea bicolor, *Pursh.*

A. canescens, *Michx.*

A. lutea, *L.*

A. nudiflora, *L.* ; Bot. Mag. t. 180.

A. periclymenoides, *Michx.*

Var. carneum.

Azalea nudiflora *var. carnea*, Bot. Reg. t. 120.

Var. eximium, *D. Don* ; Sweet Brit. Fl. Gard. vi. t. 291.

"*R. nudiflorum coccineum majus* × *R. arboreum*."

Var. rubrum.

Azalea nudiflora *var. rubra*, *Lodd.* Bot. Cab. t. 51.

Many garden varieties and hybrids.

R. occidentale, *A. Gray* ; Bot. Mag. t. 5005. California.

A. occidentalis, *Torr. & Gr.*

R. quinquefolium, *Bisset & S. Moore.* Japan.

R. Rhodora, J. F. Gmel. North America.

R. canadense, Dippel.

R. pulchellum, Salisb.

Rhodora canadensis, L. ; Bot. Mag. t. 474.

R. congesta, Moench. . .

R. rhombicum, Miq. ; Bot. Mag. t. 6972. Japan.

R. reticulatum, D. Don.

Azalea reticulata, C. Koch.

A. rhombica, Hort.

***R. Schlippenbachii, Maxim.** ; Bot. Mag. t. 7373. Mandshuria and Japan.

***R. serpyllifolium, Miq.** Japan.

Azalea serpyllifolia, A. Gray.

R. sinense, Sweet Brit. Fl. Gard. t. 290 ; Bot. Mag. t. 5905.
China and Japan.

R. molle, Sieb. & Zucc.

Azalea japonica, A. Gray.

A. mollis, Blume.

A. pontica, L. var. sinensis, Lindl. Bot. Reg. t. 1253.

A. sinensis, Lodd. Bot. Cab. t. 885.

Many garden varieties.

R. Tschonoskii, Maxim. Rhod. As. Orient. t. 3, f. 8a. Japan.

R. Vaseyi, A. Gray ; Garden and Forest 1888, 376, f. 60.
Mountains of North and South Carolina.

Var. album.

R. viscosum, Torr. North America. "Swamp Honeysuckle."

Anthodendron viscosum, Reichb.

Azalea viscosa, L.

R. viscosum—cont.

Var. *glaucum*, *A. Gray*.

R. glaucum, *G. Don* (not *Hook. f.*).

Azalea glauca, *Lam.*

A. viscosa var. *glaucum*, *Michx.*

††† EURHODODENDRON.

R. afghanicum, *Aitch. & Hemsl. Journ. Linn. Soc. xix. t. 21.*
Afghanistan.

R. altaclerense, *Lindl. Bot. Reg. t. 1414.* Garden origin.

R. arboreum (hybridum) *altaclerense*; *Bot. Mag. t. 3423.*

“*R. arboreum* × (*catawbiense* × *ponticum*).”

R. Anthopogon, *D. Don*; *Bot. Mag. t. 3947.* Alpine
Himalaya and Northern Asia.

R. arboreum, *Sm. var. Campbelliae.* Temperate Himalaya.

R. Campbelliae, *Hook. f. Rhod. Sikkim Himal. t. 6.*

R. aucubaefolium, *Hemsl.* Central China.

R. Augustinii, *Hemsl.* Central China.

R. auriculatum, *Hemsl.* Central China.

R. blandianum, *Martr. L'Horticulteur Français 1859,*
t. 13. Garden origin.

R. arboreum × ?

R. brachycarpum, *G. Don*; *Garden and Forest 1888, 293,*
f. 46. Japan.

R. californicum, *Hook. Bot. Mag. t. 4863.* California, &c.

R. campanulatum, *D. Don*; Bot. Mag. t. 3759. Alpine Himalaya.

R. aeruginosum, *Hook. f.*

Var. **album**.

Var. **pictum**.

Var. **Wallichii**, *Hook. f.*

R. Batemani, *Hook.* Bot. Mag. t. 5387.

R. campylocarpum, *Hook. f.* Bot. Mag. t. 4968. Sikkim, &c.

R. catawbiense, *Michx.*; Bot. Mag. t. 1671. High mountains from Virginia to Georgia.

Var. **fastuosum**.

R. fastuosum, *Van Houtte* Flore des Serres t. 143.

Many garden varieties and hybrids.

R. caucasicum, *Pall.* Caucasus.

R. caucaseum, *Sims* Bot. Mag. t. 1145.

Var. **flore albo**.

Var. **pictum**.

R. ciliatum, *Hook. f.* Rhod. Sikkim. Himal. t. 24. Sikkim.

R. cinnabarinum, *Hook. f.* Rhod. Sikkim Himal. t. 8. Sikkim, &c.

R. blandfordiaeflorum, *Hook. f.* Bot. Mag. t. 4930.

R. collettianum, *Aitch. & Hemsl.*; Bot. Mag. t. 7019. Afghanistan.

R. afghanicum, *Hort.* (not *Aitch. & Hemsl.*).

R. Cunninghami, *Hort.* (maximum \times arboreum). Garden origin.

R. dauricum, *L.* Dahuria to Mandshuria and Sachalin.

R. dahuricum, *Dippel*.

Var. **atrovirens**.

R. decorum, *Franch.* Yunnan.

R. Delavayi, *Franch.* Yunnan.

R. ferrugineum, *L.*; Lodd. Bot. Cab. t. 65. Alps of Europe.
"Rose des Alpes."

Var. **album**, *Sweet Brit. Fl. Gard.* 1838, t. 258.

Var. **atrococcineum**.

Var. **erectum**.

Var. **hybridum**.

Var. **myrtifolium**. Austrian Alps.

R. myrtifolium, *Schott. & Kotschy* (not *Lodd.*).

Var. **variegatum**.

The three following are plants of garden origin in all probability derived from *R. ferrugineum* and *punctatum*.

R. arbutifolium, *Hort.*

R. daphnoides, *Hort.*

R. Hammondi, *Hort.*

R. tenellum, *Hort.*

R. Wilsoni, *Hort.* (not *Hook.*).

R. Fortunei, *Lindl.*; Bot. Mag. t. 5596. China.

R. fulgens, *Hook. f.* Rhod. Sikkim Himal. t. 25. Nepal and Sikkim.

R. glaucum, *Hook. f.* Bot. Mag. t. 4721. Sikkim and Bhotan.

halense, *Gremb.* (subferrugineum \times hirsutum.) Austrian Alps.

R. hirsutiforme, *Gremb.* (subferrugineum \times hirsutum). Austrian Alps.

R. hirsutum, *L.*; Bot. Mag. t. 1853. Alps of Europe.
"Rose des Alpes."

R. hypoglaucum, *Hemsl.* Central China.

R. intermedium, *Tausch.* Tyrol, &c.

R. kamtschaticum, *Pall.*; Gartenflora t. 1260. North Asia.

R. kewense, *W. Wats.* (*griffithianum* \times *Hookeri.*) Garden,
1892, xlii. t. 474. Garden origin.

***R. Keysii**, *Nutt.*; Bot. Mag. t. 4875. Bhotan.

***R. lacteum**, *Franch.* Yunnan.

R. lepidotum, *Wall.*; Bot. Mag. t. 4657. Temperate and
Alpine Himalaya.

R. Luscombei, *W. Wats.* (*Fortunei* \times *Thomsoni.*) Garden
origin.

Var. *splendens*.

R. Manglesii, *Hort.* (*Aucklandi* \times *album elegans*); Gard.
Chron. 1885, xxiv. 49, f. 9. Garden origin.

R. maximum, *L.*; Bot. Mag. t. 951. North America.

R. procerum, *Salisb.*

R. purpureum, *G. Don.*

R. Purshii, *G. Don.*

R. micranthum, *Turcz.* China.

R. Metternichii, *Sieb. & Zucc.* Fl. Jap. t. 9. Japan.

Var. *pentamerum*.

R. myrtifolium, *Lodd.* Bot. Cab. t. 908. Garden origin.

? *R. hirsutum* \times *punctatum*.

R. ovalifolium, *Hort.*

R. ovatum, *Hort.* (not *Maxim.*).

R. ponticum var. *myrtifolium*, *Loud.*

- R. niveum**, *Hook. f.* Bot. Mag. t. 4730. Sikkim.
- R. nobleanum**, *Lindl.* Bot. Reg. t. 1820. Garden origin.
 R. arboreum × *caucasicum*.
 R. caucasicum *var. nobleanum*, *Loud.*
- R. parvifolium**, *Adams.*; Gartenflora 1877, t. 904. Siberia, China, &c.
 R. parviflorum, *Ait.*
 Azalea ferruginosa, *Pall.* Fl. Ross. t. 72.
- R. pittosporaefolium**, *Hemsl.* Central China.
- R. ponticum**, *L.*; Bot. Mag. t. 650. Spain, Portugal, Asia Minor.
 R. baeticum, *Boiss. & Reut.*
- Var. **album**.
- Var. **cheiranthifolium**.
 R. cheiranthifolium, *Hort.*
- Var. **daphnoides**, *Hort.*
 R. daphnoides, *Hort.* (in part).
- Var. **lancifolium**.
 R. lancifolium, *Moench.*
- Var. **variegatum**.
- R. praecox**, *Carr.* Rev. Hortic. 1868, 211, t. (*ciliatum* × *dauricum*). Garden origin.
- R. Przewalskii**, *Maxim.* China.
- R. pulcherrimum**, *Lindl.* (*arboreum* × *caucasicum*).
 R. caucasicum *var. pulcherrimum*, *Loud.*
- R. punctatum**, *Andr.* Bot. Rep. t. 36.; Bot. Reg. t. 37. Alleghany Mountains from North Carolina to Georgia.
 R. minus, *Michx.*

R. racemosum, *Franch.*; Bot. Mag. t. 7301; Garden 1892, xlii. 311, pl. Western China.

B. roseum odoratum, *Hort. Davies.* Garden origin.

“Hardy white Azalea \times hardy scarlet Rhododendron.”

R. rubiginosum, *Franch.*; Bot. Mag. t. 7621. Yunnan.

R. russellianum, *Sweet Brit. Fl. Gard.* iv. t. 91. (catawbiense \times arboreum).

R. Smirnowi, *Trautv.*; Gartenflora t. 1226, f. 2. Caucasus.

R. Smithii, *Hort.* var. *elegans.* Garden origin.

R. Thomsoni, *Hook. f.*; Bot. Mag. t. 4997. Nepal and Sikkim.

R. tortonianum, *Hort.* Garden origin.

R. Ungerni, *Trautv.*; Gartenflora t. 1226, f. 1. Caucasus.

R. venustum, *D. Don.*; Sweet Brit. Fl. Gard. ser. ii. t. 285 (caucasicum \times arboreum).

R. Jacksoni, *Hort.*

R. virgatum, *Hook. f.*; Bot. Mag. t. 5060. Sikkim.

R. yunnanense, *Franch.*; Bot. Mag. t. 7614. Yunnan.

††† HYBRIDS BETWEEN AZALEA AND RHODODENDRON.

R. azaleoides, *Desf.* (viscosum \times maximum). Garden origin.

R. hybridum, *Ker-Gawl.* Bot. Reg. t. 195.

R. odoratum, *Lodd.*

R. fragrans, *Part.* Mag. of Bot. x. t. 147.

R. ponticum var. *deciduum*, *Andr.* Bot. Rep. t. 379.

R. ponticum var. *azaleoides.*

R. maximum hybridum, Bot. Mag. t. 3454.

R. Cartoni, *Hort.*; Bot. Reg. t. 1449. Garden origin.

“*Azalea nudiflora* × *Rhododendron catawbiense*.”

R. gemmiferum, *Hort.* Garden origin.

R. gowenianum, *Sweet Brit. Fl. Gard. ser. i. t. 263.* Garden origin. “(*Azalea nudiflora* or *viscosa*) × (*R. ponticum* × *catawbiense*).”

R. nudiflorum var. *gowenianum*, *Loud.*

Rhododendron Smithii, *Hort.* (not *Sweet*) var. **aureum**, *Part. Mag. Bot. ix. t. 79.* “*Rhododendron* seedling × *Azalea sinensis*.”

Under the generic name *Azaleodendron* a number of hybrids between *R. sinensis* (*Azalea mollis*) and an ever-green hybrid *Rhododendron* have been distributed from Belgium.

Menziesia globularis, *Salisb.* Alleghany Mountains from Pennsylvania to Georgia.

M. ferruginea var. *globularis*, *Sims Bot. Mag. t. 1571.*

M. pilosa, *Britt. & Br. Illustr. Fl. ii. 562, f.*

Clethra acuminata, *Michx.*; Lodd. Bot. Cab. t. 1427. Virginia to Georgia. “White Alder.”

C. montana, *Bartr.*

C. alnifolia, *L.* Maine to Florida. “Sweet Pepperbush.”

Var. **Michauxii**.

C. Michauxii, *Court.*

Var. **paniculata**.

C. paniculata, *Ait.*

Var. **scabra**.

C. scabra, *Pers.*

C. alnifolia—cont.

Var. *tomentosa*, *Michx.*; Garden and Forest 1891, 64, f. 14.

C. incana, *Pers.*

C. pubescens, *Willd.*

C. tomentosa, *Lam.*; Bot. Mag. t. 3743.

C. canescens, *Reinw.* China, Japan, &c.

C. barbinervis, *Sieb. & Zucc.*; Gartenflora 1870, t. 654.

C. lancifolia, *Turcz.*

C. Fabri, *Hance.*

Diapensiaceae.

Diapensia lapponica, *L.*; Bot. Mag. t. 1108. Mountains in high latitudes of northern hemisphere.

Myrsinaceae.

***Myrsine africana**, *L.* Himalaya, Tropical and South Africa, Azores.

***Ardisia japonica**, *Blume.* China and Japan.

A. odontophylla, *Lindl.* Bot. Reg. t. 1892.

Bladhia glabra, *Thunb.*

B. japonica, *Thunb.*

Sapotaceae.

***Bumelia lanuginosa**, *Pers.*; Sargent Silva of North America, t. 247. Southern United States, &c.

Sideroxylon lanuginosum, *Michx.*

***B. lycioides**, *Gaertn. f.*; Sargent Silva of North America, t. 248. South United States. "Southern Buckthorn."

Sideroxylon lycioides, *L.*

Ebenaceae.

***Diospyros Kaki, L.** Japan. "Kaki."

D. Lotus, L.; Loud. Arb. et Frut. Brit. 625, f. 1214.
Temperate Asia (naturalized in South Europe?).
"Common Date Plum."

D. calycina, Hort.

D. virginiana, L.; Sargent Silva of North America,
t.t. 252-3. United States. "Persimmon."

D. concolor, Moench.

D. digyna, Hort.

D. distyla, Hort.

Styraceae.

Symplocos crataegoides, Buch-Ham.; Garden and Forest
1892, 89, f. 15. Himalaya to Japan.

***S. japonica, A.DC.;** Lindl. & Paxt. Fl. Gard. i. 61, f. 39.
China and Japan. "Kuroki."

S. lucida, Sieb. & Zucc. Fl. Jap. t. 24.

***S. paniculata, Miq.** Japan.

***S. tinctoria, L'Hérit.** Delaware to Florida and Louisiana.
"Horse-sugar."

Halesia corymbosa, Nichols. Japan.

Pterostyrax corymbosum, Sieb. & Zucc. Fl. Jap. t. 47.

H. diptera, L.; Lodd. Bot. Cab. t. 1172. Georgia and
Florida to Louisiana.

Mohrodendron dipterum, Britton; Sargent Silva
of North America t. 249.

H. hispida, *Mast. Gard. Chron.* 1884, xxii. 176, f. 34.
China and Japan. "Asagara."

Pterostyrax hispidum, *Sieb. & Zucc.*; *Rev. Hort.* 1875,
308, f. 50.

H. parviflora, *Michx.* Georgia and Florida.

H. tetraptera, *L.*; *Bot. Mag.* t. 910. West Virginia and
Illinois to Florida. "Snowdrop or Silver-bell
Tree."

Mohrodendron Carolinum, *Britton*; *Sargent Silva*
tt. 257-8. Florida.

Var. **Meehani**, *Sargent Garden and Forest* 1892, 535,
f. 91.

H. Meehani, *Hort.*

Styrax americanum, *Lam.* Virginia to Florida, Louisiana
and Arkansas.

Halesia parviflora, *Lindl.* *Bot. Reg.* t. 952 (not *Michx.*).

S. japonicum, *Sieb. & Zucc.* *Fl. Jap.* t. 23; *Regel Garten-*
flora, t. 583. China and Japan.

S. Obassia, *Sieb. & Zucc.*; *Bot. Mag.* t. 7039. Japan.

S. officinale, *L.*; *Moggr. Flora of Mentone* t. 60. South
Europe, Asia Minor. "Storax."

***S. serrulatum**, *Roxb.*; *Bot. Mag.* t. 5950. Eastern India.

Oleaceae.

***Jasminum floridum**, *Bunge.*; *Bot. Mag.* t. 6719. China.

J. subulatum, *Lindl.*

J. fruticans, *L.*; *Bot. Mag.* t. 461. Mediterranean region
and Orient.

J. collinum, *Salisb.*

J. heterophyllum, *Moench.*

J. humile, *L.* ; Bot. Reg. t. 350. Sub-tropical Himalaya.

J. chrysanthum, *Roxb.*

J. Fulleri, *Hort.*

J. pubigerum, *Hort.* (not *D. Don*).

J. Reevesii, *Hort.*

J. revolutum, *Sims.* Bot. Mag. t. 1731.

J. wallichianum, *Lindl.*

J. nudiflorum, *Lindl.* ; Bot. Mag. t. 4649. China and Japan.

Var. *foliis aureis*.

J. officinale, *L.* ; Bot. Mag. t. 31. Persia and North-western India. "Jessamine."

J. ochroleucum, *Hort.*

Var. *affine*, *Dippel*.

J. affine, *Royle* ; Bot. Reg. xxxi. t. 26 ; Carr. Rev. Hort. 1878, 428, f. 87.

J. grandiflorum, *Hort.* (not *L.*).

Var. *foliis aureis*.

***J. primulinum**, *Hemsl.* ; Hook. Icon. Plant. t. 2384. Yunnan.

Forsythia europaea, *Degen & Baldacci.* Albania.

F. intermedia, *Zabel* ; Gartenflora 1891, 397, f. (suspensa × viridissima). Garden origin.

Var. *densiflora*, *Koehne*.

Var. *vitellina*, *Koehne*.

F. suspensa, *Vahl* ; Bot. Mag. t. 4995. China.

F. Fortunei, *Hort.*

F. Sieboldi, *Hort.*

F. viridissima, *Lindl.* Bot. Reg. 1847, t. 39. China.

Syringa amurensis, *Rupr.* ; Garden and Forest 1889, 271, f. 112. China, Japan, and Mandshuria.

Ligustrina amurensis, *Rupr.* ; Gartenflora 1863, t. 396.

S. chinensis, *Willd.* ; Nouveau Duhamel ii. t. 63 (vulgaris \times persica). Garden origin. "Rouen Lilac."

S. correlata, *A. Br.*

S. dubia, *Pers.*

S. rothomagensis, *Mirb.*

S. sibirica, *Hort.*

Var. *metensis*, *Hort.*

Var. *rubra*, *Lodd.*

Var. *saugeana*, *Hort.*

S. Emodi, *Wall.* ; Bot. Reg. xxxi. t. 6. Himalaya.

Var. *foliis rubris*.

Var. *rosea*, *Cornu* ; Rev. Hort. 1888, 492, t. North China.

S. Bretschneideri, *Hort.*

S. villosa, *Sargent* Garden and Forest 1888, 521, f. 83.

Var. *variegata*.

S. japonica, *Decne.* ; Garden and Forest 1889, 295, f. 115. Japan.

Ligustrina amurensis var. *japonica*, *Maxim.*

S. Josikaea, *Jacq. f.* ; Bot. Mag. t. 3278. Transsylvania.

Var. *eximia*.

S. oblata, *Lindl.* ; Garden and Forest 1888, 221, f. 39. China.

S. chinensis, *Blume* (not *Willd.*).

S. pekinensis, *Rupr.* Mountains of Northern China.

S. amurensis var. *pekinensis*, *Maxim.*

Ligustrina pekinensis, *Regel.*

Var. *pendula*.

S. persica, *L.*; Bot. Mag. t. 486. Afghanistan. "Persian Lilac."

Var. **alba**.

S. Steencruyssii, *Hort.*

Var. **laciniata**, *Vahl*; Lodd. Bot. Cab. t. 1107.

S. filicifolia, *Hort.*

S. laciniata, *Mill.*

S. pteridifolia, *Hort.*

S. pinnata, *Hort.*

S. villosa, *Vahl*; Bot. Mag. t. 7064; Garden and Forest 1888, 414, f. 67. North China.

S. pubescens, *Turcz.*

S. verrucosa, *Hort.*

S. vulgaris, *L.*; Bot. Mag. t. 183. Eastern Europe.
"Common Lilac."

Var. **foliis aureis**.

Many garden varieties.

† ORNUS.

Fraxinus bracteata, *Hemsl.* Central China.

F. bungeana, *DC.*; Garden and Forest 1894, 5, f. 1. China and Japan.

F. chinensis, *Herd.* (not *Wall.*).

F. floribunda, *Bunge* (not *Wall.*).

F. obovata, *Blume.*

F. Ornus var. *bungeana*, *Hance.*

Var. **microphylla**.

F. chinensis, *Roxb.* China.

†† FRAXINASTER.

Fraxinus americana, *L.*; Sargent Silva of North America
t.t. 268, 269. North America. "White Ash."

F. acuminata, *Lam.*

F. alba, *Marsh.*

F. canadensis, *Gaertn.*

F. cinerea, *Bosc.*

F. curvidens, *Hort.*

F. discolor, *Muhl.*

F. epiptera, *Michx.*

F. glauca, *Hort.*

F. juglandifolia, *Lam.*

F. mixta, *Bosc.*

F. pannosa, *Bosc.*

Var. microcarpa, *A. Gray.*

F. albicans, *Buckl.*

F. americana *var. epiptera*, *C. Koch.*

F. americana *longifolia*, *Hort.*

F. Curtissii, *Vasey.*

F. lancea, *Bosc.*

F. Novae-Angliae, *Hort.*

Var. aucubaefolia, *Hort.*

Var. foliis argenteis variegatis.

F. angustifolia, *Vahl*; Dippel Laubholzk. i. 91, f. 48.
South Europe, &c.

F. australis, *J. Gay.*

F. calabrica, *Hort.*

F. chinensis, *Lodd.* (not *Roxb.*).

F. excelsior *var. australis*, *Gay.*

F. excelsior *var. salicifolia*, *Hort.*

F. angustifolia—*cont.*

F. lucida, *Hort.*

F. oxycarpa, *Willd.*

F. oxyphylla, *Bieb.*

F. rostrata, *DC.*

F. salicifolia, *Hort.*

Var. lasiorachis.

F. anomala, *Torr.*; Sargent Silva of North America t. 266.
Utah.

F. berlandieriana, *DC.*; Sargent Silva of North America
t. 273. Southern Mexico.

F. americana var. berlandieriana, *Wesmael.*

F. pubescens var. Lindheimeri, *Wenzig.*

F. trialata, *Buckl.*

F. viridis var. berlandieriana, *Torr.*

F. caroliniana, *Mill.*; Sargent Silva of North America
t.t. 274, 275. Southern United States. "Water
Ash; Swamp Ash."

F. americana, *Marsh.* (not *Lam.*).

F. cubensis, *Griseb.*

F. curvidens, *Hoffmagg.*

F. nigra var. caroliniana, *Wesmael.*

F. nigrescens, *Buckl.*

F. Nuttallii, *Buckl.*

F. pallida, *Bosc.*

F. pauciflora, *Nutt.*

F. platycarpa, *Michx.*

F. pubescens, *Bosc* (not *Lam.*).

F. triptera, *Nutt.*

F. chinensis, *Roxb.* China.

F. dimorpha, *Coss. & Dur.* North Africa.

F. incana, *Carr.*

F. xanthophylla, *Hort.*

F. xanthoxyloides, *Hort.*

Var. *dumosa*, *Carr.*

F. Elonza, *Dippel* Laubholz. i. 87, f. 46. Origin uncertain.

F. excelsior, *L.* ; Eng. Bot. ed. 3, t. 1402. Europe, North Africa. "Common Ash."

Var. *amarissima*, *Dippel.*

F. amarissima, *Hort.*

Var. *angustifolia*, *Loud.*

F. heterophylla, *Hort.* (not *Vahl*).

F. salicifolia, *Hort.* (in part).

Var. *atrovirens nana*.

Var. *aurea*, *Loud.*

F. aurea, *Pers.*

Var. *aurea pendula*, *Hort.*

Var. *concavifolia*.

Var. *cortice variegato*.

Var. *crispa*, *Loud.*

F. americana crispa, *Hort.*

F. atrovirens, *Desf.*

F. coriacea, *Hort.*

F. crispa, *Bosc.*

F. excelsior var. *atrovirens*, *Dippel.*

F. excelsior var. *cucullata*, *Hort.*

F. glomerata, *Hort.*

F. nigra, *Hort.* (not *Marsh.*).

Var. *cucullata*.

Var. *foliis argenteis*.

F. excelsior—cont.

Var. *fungosa*, *Lodd.*

Var. *globosa*, *Hort.*

Var. *heterophylla*, *Loud. Arb. et Frut. Brit. 643, f. 1249.*

F. excelsior var. *diversifolia*, *Ait.*

F. heterophylla, *Vahl.*

F. integrifolia, *Hort.*

F. monophylla, *Desf.*

F. rufa, *Bosc.*

F. simplicifolia, *Willd.*

Var. *heterophylla laciniata*.

F. excelsior var. *imbricata*, *Hort.*

F. monophylla laciniata, *Hort.*

Var. *heterophylla pendula*.

Var. *longibotrys*.

Var. *lutea*, *Hort.*

Var. *monstrosa*, *Hort.*

Var. *myrtifolia*, *Hort.*

F. polemoniifolia, *Hort.*

F. viridis nobilis, *Hort.*

Var. *obliqua*.

F. obliqua, *Tausch.*

Var. *pendula*, *Ait.* "Weeping Ash."

Var. *pendula Wentworthi*. "Wentworth Weeping Ash."

Var. *scolopendrifolia*.

Var. *spectabilis*, *Hort.*

Var. *stricta*, *Loud.*

Var. *Tranconi*.

Var. *verrucosa*.

Var. *verticillata*, *Hort.*

F. verticillata, *Lodd.*

- F. expansa**, *Hort.* (americana × viridis ? *Koehne*).
- F. glabra**, *Lawson.* (pennsylvanica × viridis ? *Koehne*).
- F. mandshurica**, *Rupr.* Corea, Mandshuria to Sachalin and Japan.
- F. nigra**, *Marsh.* ; Sargent Silva of North America t. 265.
"Black Ash"
- F. americana* var. *sambucifolia*, *D. J. Broune.*
- F. Novae-Angliae*, *Duroi.*
- F. sambucifolia*, *Lam.*
- F. numidica**, *Dippel* Laubholz. i. 96, f. 52. North Africa.
- F. oregona**, *Nutt.* ; Sargent Silva of North America t. 276.
Western United States.
- F. californica*, *Hort.* (in part).
- F. latifolia*, *Benth.*
- Var. *foliis pulverulentis.*
- F. parvifolia**, *Lam.* ; Loud. Arb. et Frut. Brit. 644, f. 1251.
S. Europe, Orient.
- F. lentiscifolia*, *Desf.*
- F. oxycarpa* var. *parvifolia*, *Boiss.*
- F. persica*, *Boiss.*
- Var. *pendula.*
- F. lentiscifolia* var. *pendula*, *Kirchn.*
- F. tamariscifolia* var. *pendula*, *Dippel.*
- Var. *nana.*
- F. lentiscifolia* *nana*, *Hort.*
- F. tamariscifolia* var. *nana*, *Dippel.*
- F. pennsylvanica**, *Marsh.* ; Sargent Silva of North America t. 271. North America. "Red Ash."
- F. americana* var. *pubescens*, *D. J. Broune.*
- F. epiptera*, *Hort.* (not *Michx.*).
- F. longifolia*, *Bosc.*
- F. Novae Angliae*, *Mill.* (not *Hort.*).
- F. oblongocarpa*, *Buckl.*

F. pennsylvanica—cont.F. pubescens, *Lam.*F. subvillosa, *Bosc.*F. tomentosa, *Michx.*F. viridis var. pubescens, *Hitchcock.***Var. foliis argenteis marginatis.****Var. lanceolata**, *Sargent Silva of North America t. 272.*
North America. "Green Ash."F. caroliniana, *Willd.* (not *Mill.* nor *Lam.*).F. expansa, *Willd.*F. juglandifolia, *Willd.*F. lanceolata, *Borkh.*; *Britt. & Br. Illustr. Flora ii.*
601, f.F. pubescens, *Torr.* (not *Lam.*).F. viridis, *Michx.***F. platypoda**, *Oliver Hook. Icon. Pl. t. 1929.*F. serratifolia, *Hort.* (not *Michx.*).

F. Sieboldi.

F. sieboldiana, *Dippel* (not *Blume*).**F. potamophila**, *Herd.*; *Dippel Laubholz k. i. 98, f. 54.*
Turkestan, &c.**F. quadrangulata**, *Michx.*; *Sargent Silva of North America,*
*t. 263. United States. "Blue Ash."*F. quadrangularis, *Lodd.*F. tetragona, *Bosc.***F. Regelii**, *Dippel Laubholz k. i. 97, f. 53. Turkestan.*F. sogdiana, *Hort.* (not *Bunge*).**F. rhynchophylla**, *Hance*; *Garden and Forest 1893, 484,*
*f. 70. China.*F. chinensis var. rhynchophylla, *Hemsl.***F. sogdiana**, *Bunge*; *Dippel Laubholz k. i. 92, f. 49.*
Turkestan.F. turkestanica, *Hort.*

F. Veltheimi, *Dieck* (parvifolia × excelsior monophylla).
Garden origin.

F. lentiscifolia var. monophylla.

F. parvifolia var. monophylla, *Dippel*.

F. velutina, *Torr.*; Sargent Silva of North America t. 267.
Western United States.

Fontanesia Fortunei, *Carr. Rev. Hort.* 1859, 43, f. 9. China.

F. chinensis, *Hance*.

F. philliraeoides var. chinensis, *Debeaux*.

F. philliraeoides, *Labill.*; *Dippel Laubholz* i. 102, f. 57.
Asia Minor.

F. linearis, *Hort*.

F. nana, *Hort*.

Var. *longifolia*, *Dippel Laubholz* i. 103, f. 58.

F. californica, *Hort*.

***Forestiera acuminata**, *Poir.*; *Dippel Laubholz* i. 120,
f. 70. Southern United States.

F. ligustrina, *Willd.* (not *Poir.*).

Adelia acuminata, *Michx.*

Borya acuminata, *Willd.*

Phillyraea angustifolia, *L.* Mediterranean region.

P. media var. *angustifolia*. *Loud. Arb. et. Frut. Brit.*
632, f. 1227.

Var. *rosmarinifolia*, *Ait.*

P. rosmarinifolia, *Mill.*

P. decora, *Boiss. & Bal.*; *Gard. Chron.* 1888, iv. 673, f. 96.
Lazistan.

P. laurifolia, *Hort*.

P. Medwedewi, *Sredinski*.

P. vilmoriniana, *Boiss.*; *Bot. Mag.* t. 6800.

P. vilmoriensis, *Hort*.

P. latifolia, *L.*; Hempel & Wilhelm Die Bäume und Sträucher . . . iii. 123, f. 333. Mediterranean region.

P. media var. *latifolia*, *Loud. Arb. et Frut. Brit.* 633, f. 1231.

P. spinosa, *Tenore*.

Var. *ilicifolia*.

Var. *rotundifolia*.

P. media, *L.*; *Loud. Arb. Brit.* 632, f. 1226. Mediterranean region.

P. variabilis var. *media*.

Var. *buxifolia*, *Ait.*

Var. *oleaefolia*, *Ait.*

P. oleaefolia, *Mill.*

Osmanthus Aquifolium,[†] *Siebold*; *Gard. Chron.* 1877, vii. 239, f. 37. Japan.

Ilex Aquifolium, *Thunb.* (not *L.*).

Olea Aquifolium, *Sieb. & Zucc.*

O. aquifolia, *Dippel*.

Var. *heterophyllus variegatus*.

Var. *ilicifolius*.

Olea aquifolia var. *ilicifolia*, *Dippel Laubholz.* i. 141, f. 89.

Var. *ilicifolius latifolius*.

Var. *ilicifolius latifolius variegatus*.

Var. *ilicifolius purpureus*.

Var. *ilicifolius variegatus*.

Var. *myrtifolius*.

O. myrtifolius, *Hort.*

Olea aquifolia var. *myrtifolia*, *Dippel*.

Var. *rotundifolius*.

Chionanthus retusus, *Lindl. & Paxt. Fl. Gard.* iii. 85, f. 273 ;
Gard. Chron. 1885, xxiii. 821, f. 178. China and
 Japan.

C. chinensis, *Maxim.*

C. virginica, *L.* ; *Lodd. Bot. Cab.* t. 1264. South Penn-
 sylvania to Florida and Texas. "Fringe-tree."

C. trifida, *Moench.*

Var. *latifolia*, *Dippel.*

C. montana, *Pursh.*

Var. *pubescens.*

C. maritima, *Pursh* ; *Gartenflora* t. 564.

C. pubescens, *H. B. K.*

***Olea europaea**, *L.* ; *Bentl. & Trim. Medicinal Plants*
 t. 172. Asia Minor and Syria (cultivated elsewhere).
 "Olive."

Ligustrum deciduum, *Hemsl.* Central China.

L. delavayanum, *Hariot*, *Rev. Hort.* 1901, 496, f. China.

L. Ibota, *Sieb.* ; *Garden and Forest* 1893, 425, f. 64.
 China, Japan and Sachalin.

L. amurense, *Hort.* (not *Carr.*).

L. ciliatum, *Sieb.*

L. obtusifolium, *Sieb. & Zucc.*

L. regelianum, *Hort.*

L. Roxburghii, *Hort.* (not *Blume*).

L. Stauntoni, *Hort.* (not *DC.*).

Daphniphyllum Roxburghii, *Hort.*

Var *obovatum.*

Var. *regelianum*, *Rehder.*

L. regelianum, *Hort.*

L. insulare, *Decne.*; Dippel *Laubholz* i. 122, f. 71.
Origin uncertain.

L. angustifolium, *Hort.*

L. insulense, *Hort.*

L. linearis, *Hort.*

L. longifolium, *Hort.* (in part).

L. Stauntoni, *Hort.* (in part).

L. japonicum, *Thunb.*; Lindl. & Paxt. *Fl. Gard.* ii. 117,
f. 196. China, Japan, &c.

L. bullatum, *Hort.*

L. glabrum, *Hort.*

L. kellerianum, *Hort.*

L. Kellermanni, *Van Houtte.*

L. latifolium robustum, *Hort.*

L. lucidum, *Hort.* (not *Ait.*).

L. macrophyllum, *Hort.*

L. ovalifolium, *Hort.* (not *Hassk.*).

L. Roxburghii, *Blume.*

L. Sieboldi, *Hort.*

L. spicatum, *Hort.*

L. syringaeiflorum, *Hort.*

Var. coriaceum.

L. coriaceum, *Carr. Rev. Hort.* 1874, 418, f. 56;
Bot. Mag. t. 7519. China.

L. lucidum *var. coriaceum*, *Decne.*

Var. coriaceum involutum.

L. lucidum, *Ait.*; *Bot. Mag.* t. 2565. China.

L. japonicum, *Hort.* (not *Thunb.*).

L. longifolium, *Hort.* (in part).

L. magnoliaefolium, *Hort.*

L. sinense latifolium robustum, *Hort.*; *Gard. Chron.*
1878, x. 753, f. 125.

L. lucidum—cont.

Var. *Alivoni*, *Hort.*

Var. *tricolor*, *Hort.*

L. japonicum tricolor, *Hort.*

Var. *aureo-variegatum*, *Hort.*

L. japonicum aureo-variegatum, *Hort.*

L. macrophyllum aureo-variegatum.

**L. massalongianum*, *Vis.*; *Gard. Chron.* 1881, xvi. 149, f. 33.

L. angustifolium, *Hort.* (in part).

L. japonicum, *Hort.* (in part).

L. longifolium, *Hort.* (in part).

L. myrtifolium, *Hort.*

L. rosmarinifolium, *Hort.*

L. spicatum, *Hort.* (in part).

L. ovalifolium, *Hassk.*; *Dippel Laubholzk.* i. 134, f. 84.
Japan.

L. amurense, *Carr. Rev. Hort.* 1861, 352, f. 85.

L. californicum, *Hort.* (in part).

L. japonicum, *var. ovalifolium*, *Blume*.

L. ovatum, *Hort.*

L. reticulatum, *Hort.*

Var. *foliis aureis*.

L. californicum aureum, *Hort.*

L. elegantissimum, *Hort.*

L. Quihoui, *Carr.*; *Gard. Chron.* 1882, xviii. 277, f. 51.
China.

L. brachystachium, *Decne.*

L. sinense, *Lour.* ; Gard. Chron. 1858, 621, f. ; 1878, x. 365, f. 64 ; Garden and Forest 1890, 213, f. 36. China.

L. californicum, *Hort.* (in part).

L. chinense, *Carr.*

L. chinense nanum, *Hort.*

L. Fortunei, *Hort.*

L. frondosum, *Hort.*

L. Ibota, *var. villosum*, *Hort.*

L. Stauntoni, *DC.*

L. villosum, *May.*

Var. foliis aureis variegatis.

L. strongylophyllum, *Hemsl.* China.

L. vulgare, *L.* ; Eng. Bot. ed. 3, t. 904. Europe, North Africa. "Common Privet."

Var. aureum.

Var. buxifolium.

Var. chlorocarpum, *Loud.*

Var. glaucum.

Var. italicum.

L. italicum, *Mill.*

L. sempervirens, *Fl. Corc.*

Var. pendulum.

Var. variegatum, *Loud.*

Var. xanthocarpum, *Loud.*

Apocynaceae.

Vinea difformis, *Pourr.* South-western Europe.

V. acutiflora, *Bert.*

V. media, *Hoffm. & Link.* ; Reichb. Ic. Fl. Germ. 1063, f. ii.

V. major, L. ; Eng. Bot. ed. 3, t. 905. Europe, &c.

Var. elegantissima, Hort.

V. minor, L. ; Eng. Bot. ed. 3, t. 906. Europe, Western Asia. "Periwinkle."

Var. azurea.

Var. flore albo.

Var. foliis argenteis, Lodd.

Var. foliis aureis, Lodd.

Var. flore pleno.

Var. flore puniceo, Lodd.

***Trachelospermum jasminoides, Lemaire. China and Japan.**

Malouetia asiatica, Sieb. & Zucc.

Parechites Thunbergii, A. Gray.

Rhynchospermum jasminoides, Lindl. ; Bot. Mag. t. 4737.

T. crocostomum, Stapf. China ?

Asclepiadaceae.

***Araujia sericofera, Brot. Brazil, &c.**

Physianthus albens, Mart. ; Bot. Mag. t. 3201.

Periploca graeca, L. ; Bot. Mag. t. 2289. South-eastern Europe, Orient.

P. maculata, Moench.

***Metaplexis Stauntoni, Roem. & Schult. ; Dippel Laubholzk. i. 160, f. 97. China, Japan, &c.**

M. chinensis, Decne.

M. rostrata, Turcz.

Urostelma chinense, Bunge.

**Marsdenia erecta*, *R. Br.*; Dippel Laubholzk. i. 161, f. 98.
Eastern Europe, Asia Minor.

Cynanchum erectum, *L.*

Loganiaceae.

Buddleia albiflora, *Hemsl.* Central China.

**B. Colvillei*, *Hook. f. & Thoms.*; Bot. Mag. t. 7449.
Sikkim.

B. globosa, *Hope*; Bot. Mag. t. 174. Chili, Peru.

B. capitata, *Jacq.*

B. globiflora, *Mirb.*

B. intermedia, *Carr.* Rev. Hort. 1873, 150, t. (curviflora \times lindleyana). Garden origin.

B. japonica, *Hemsl.* Japan.

B. curviflora, *André* (not *Hook. & Arn.*); Ill. Hort. xvii. t. 25.

Var. *insignis*.

B. insignis, *Carr.* Rev. Hort. 1878, 330, f. 76.

**Buddleia lindleyana*, *Fortune* Bot. Reg. xxxii. t. 4. China and Japan.

B. salicifolia, *Hort.* (not *Vahl*).

B. paniculata, *Wall.* Afghanistan and Burma to China.

B. crispa, *Benth.*; Bot. Mag. t. 4793.

B. variabilis, *Hemsl.*; Bot. Mag. t. 7609. China.

Var. *veitchiana*.

**Desfontainea spinosa*, *Ruiz. & Pav.*; Bot. Mag. t. 4781.
Chili, Peru, &c.

Boraginaceae.

Ehretia acuminata, *R. Br.* Himalaya, Japan, &c.

E. serrata, *Roxb.*; Bot. Reg. t. 1097.

Cardiandra alternifolia, *Hort.* (not *Sieb. & Zucc.*).

Cordia thyrsiflora, *Sieb. & Zucc.*

E. macrophylla, *Wall.* Himalaya.

Lithospermum prostratum, *Lois.*; Journ. Hort. s. 3, xxv.
404. South Europe.

L. fruticosum, *Hort.* (not *L.*).

Lithodora prostrata, *Griseb.*

Moltkia petraea, *Boiss.* Dalmatia.

Echium petraeum, *Tratt.*; Bot. Reg. 1843, t. 26.

Lithospermum petraeum, *A. DC.*; Bot. Mag. t. 5942.

L. rosmarinifolium, *Reichb.*

Convolvulaceae.

***Calystegia macrostegia**, *Nichols.* Lower California.

Convolvulus macrostegius, *Greene*; Bot. Mag. t. 7717.

C. occidentalis, *S. Wats*

***Convolvulus Cneorum**, *L.*; Bot. Mag. t. 459. South Europe.

C. argenteus, *Lam.*

Solanaceae.

***Solanum crispum**, *Ruiz. & Pav.*; Bot. Mag. t. 3795. Chili.

S. Dulcamara, *L.*; Benth. & Trimen Medicinal Plants t. 190.
Europe, &c. "Bitter-sweet."

S. Dulcamara—cont.

Var. flore lacteo.

Var. foliis variégatis.

Var. fructu luteo.

***S. jasminoides**, *Paxt. Magaz. of Botany* viii. t. 5. Brazil.
S. boerhaviaefolium, *Sendtn.*

S. lyratum, *Thunb.* China and Japan.

***Lycium afrum**, *L.*; *Bot. Reg.* t. 354. Cape of Good Hope,
 &c.

L. purpureum, *Hort.*

***L. chilense**, *Miers Illustr. S. Amer. Plants* t. 72. Chili.

L. chinense, *Mill.*; *Dippel Laubholz.* i. 25, f. 11; *Wats.*
Dendr. Brit. t. 8. China. "Box Thorn; Tea
 Tree."

L. barbarum, *Hort.* (not *L.*).

L. chinense *var. trewianum*.

L. lanceolatum, *Hort.*

L. megistocarpum, *Dun.*

L. ovatum, *C. Koch.* (not *Poir.*).

L. peruvianum, *Hort.*

L. trewianum, *Roem. & Schult.*

Var. *variegata*.

L. barbarum foliis aureis variegatis, *Hort.*

L. grevilleanum, *Gillies*; *Miers Illustr. S. Amer. Plants*
 t. 73. Argentina.

L. halimifolium, *Mill.* Origin uncertain.

L. barbarum, *Ait.* (not *L.*).

L. europaeum, *Gouan* (not *L.*).

L. halimifolium—cont.

L. turbinatum, *Poir.*

L. vulgare, *Dun.*

Jasminoides flaccida, *Moench.*

L. pallidum, *Miers*; Garden and Forest 1888, 341, f. 54.
New Mexico, Arizona, &c.

L. rhombifolium, Dippel Laubholzk. i. 24, f. 10. China.

L. barbarum, *Wats.* Dendr. Brit. t. 9 (not *L.*).

L. ovatum, *Poir.*

Jasminoides rhombifolium, *Moench.*

L. Richii, *A. Gray.* California.

**Cestrum Parqui*, *L'Hérit.*; Bot. Mag. t. 1770. Chili.

C. virgatum, *Ruiz & Pav.*

**Fabiana imbricata*, *Ruiz. & Pav.*; Bot. Reg. xxv. t. 59.
Peru, &c. "Pichi."

Scrophulariaceae.

**Brandisia racemosa*, *Hemsl.*; Hook. Icon. Plant. t. 2383.
Yunnan.

Paulownia imperialis, *Sieb. & Zucc.*; Bot. Mag. t. 4666.
Japan. "Kiri."

P. tomentosa, *Steud.*

Bignonia tomentosa, *Thunb.*

Incarvillea tomentosa, *Spreng.*

**Pentstemon corymbosus*, *Benth.* California.

P. heterophyllus, *Lindl.*; Bot. Mag. t. 3853. California.

P. Menziesii, *Hook.* Bot. Mag. t. 6834. British Columbia
California, &c.

Var. *Lewisii*, (*Benth.*).

Var. *Scouleri*, *A. Gray.*

P. Scouleri, *Lindl.* Bot. Reg. t. 1277.

Veronica amplexicaulis, *Armstr.*; Bot. Mag. t. 7370. New
Zealand.

**V. Andersoni*, *Lindl. & Paxt.* Fl. Gard. ii. t. 38. Garden
origin.

V. anomala, *Armstr.*; Bot. Mag. t. 7360. New Zealand.

V. arborea, *J. Buch.* New Zealand.

V. Armstrongii, *T. Kirk* Trans. New Zeal. Inst. xxxi.
tt. 28-29. New Zealand.

V. azurea, *Link.* Garden origin.

V. buxifolia, *Benth.* New Zealand.

**V. candida*, *Lodd.* Origin uncertain.

V. carnea, *Amstr.* New Zealand.

V. Cataractae, *Forst.* New Zealand.

V. chathamica, *J. Buch.* Trans. N. Z. Inst. vii. t. 13, f. 1.
New Zealand.

V. Colensoi, *Hook. f.* Bot. Mag. t. 7296. New Zealand.

V. cupressoides, *Hook. f.* Bot. Mag. t. 7348. New Zealand.

V. salicornoides, *Hort.* (not *Hook. f.*).

Var. *variabilis*, *N. E. Br.* Gard. Chron. 1888, iii. 20,
f.f. 4-7.

V. decumbens, *Armstr.* New Zealand.

- V. Derwentia*, *Andr.* Bot. Rep. t. 531. New Zealand.
- V. Dieffenbachii*, *Benth.*; Bot. Mag. t. 7656. New Zealand.
- **V. diosmifolia*, *R. Cunn.* New Zealand.
 Var. trisepala, *Kirk*; Bot. Mag. t. 7539.
 V. trisepala, *Colenso*.
- V. elliptica*, *Forst.* New Zealand.
 V. decussata, *Ait.*; Bot. Mag. t. 242.
 V. Menziesii, *Benth.*
- **V. Fairfieldii*, *Hook. f.* Bot. Mag. t. 7323. Garden origin.
- V. fruticulosa*, *L.*; *Reichb. Ic. Crit.* x. f. 905. Europe, &c.
- V. glauco-caerulea*, *Armstr.* New Zealand.
- V. guthriana*, *Hort.* Garden origin.
- V. Hectori*, *Hook. f.* Bot. Mag. t. 7415. New Zealand.
- **V. hulkeana*, *F. Muell.*; Bot. Mag. t. 5484. New Zealand.
- V. ignota*, *Waugh.* New Zealand.
- V. Kirkii*, *Armstr.* New Zealand.
- **V. lavaudiana*, *Raoul*; Bot. Mag. t. 7210. New Zealand.
- V. Lindsayi*, *Hort.* (amplexicaulis \times pimeleoides)[†] *Gard. Chron.* 1898, xxiv. 331, f. 97. Garden origin.
- V. Lewisii*, *Armstr.* New Zealand.
- V. ligustrifolia*, *A. Cunn.* New Zealand.
- V. loganioides*, *Armstr.*; Bot. Mag. t. 7404. New Zealand.
- **V. Lyallii*, *Hook. f.* Bot. Mag. t. 7338. New Zealand.
- **V. macrocarpa*, *Vahl.* var. *stricta*. New Zealand.

V. macroura, *Hook. f.* New Zealand.

V. monticola, *Armstr.* New Zealand.

V. newryensis, *Hort.* Garden origin.

**V. parviflora*, *Vahl.* var. *angustifolia*, *Hook. f.* Bot. Mag. t. 5965. New Zealand. "Koro-miko."

V. angustifolia, *A. Rich.*

V. stenophylla, *Steud.*

V. pimeleoides, *Hook. f.* New Zealand.

V. pinguifolia, *Hook. f.* Bot. Mag. t. 6147. New Zealand.

V. carnosula, *Hook. f.* Bot. Mag. t. 6587 (not Handb. New Zeal. Fl.).

V. rakaiensis, *Armstr.* New Zealand.

V. Colensoi var. *gracilis*, *Hort.*

**V. salicifolia*, *Forst.*; Kirk Forest Flora of New Zealand t. 120. "Korumeeek."

Var. *gracilis*.

**V. speciosa*, *R. Cunn.*; Bot. Mag. t. 4057. New Zealand.

V. tobarcorensis, *Hort.* Garden origin.

V. Traversii, *Hook. f.* Bot. Mag. t. 6390. New Zealand.

V. vernicosa, *Hook. f.* New Zealand.

Bignoniaceae.

Bignonia capreolata, *L.*; Bot. Mag. t. 864. South United States. "Cross-vine."

Anisostichus capreolatus, *Bur.*

Catalpa bignonioides, *Walt.* South United States.
 "Indian Bean."

C. arguta, *Hort.*

C. cassinaefolia, *Hort.*

C. Catalpa, *Karsten*; Sargent Silva of North America
 t.t. 288, 289.

C. communis, *Dum.-Cours.*

C. cordifolia, *Moench.*

C. syringaefolia, *Sims* Bot. Mag. t. 1094.

Bignonia Catalpa, *L.*

Var. aurea.

Var. nana.

C. Bungei nana, *Hort.*

Var. variegata.

C. Bungei, *C. A. Mey.*; *Nouv. Arch. Mus. Paris* ser. 3,
 vi. t. 4. China.

C. cordifolia, *Jaume* *Nouv. Duham* t. 5. Western Kentucky
 and Tennessee, &c. "Western Catalpa."

C. speciosa, *Warder*; Sargent Silva of North America
 t.t. 290, 291.

C. cordifolia × **Kaempferi**. Garden origin.

C. Fargesii, *Bureau* *Nouv. Arch. Mus. Paris* ser. 3, vi. t. 3.
 China.

C. Kaempferi, *Sieb. & Zucc.*; Bot. Mag. t. 6611. Japan.

C. bignonioides *var. Kaempferi*, *DC.*

C. Bungei, *Hort.* (not *C. A. Mey.*).

C. himalayensis, *Hort.*

C. himalaica, *Hort.*

C. ovata, *G. Don.*

Bignonia Catalpa, *Thunb.*

C. Kaempferi—cont.

Var. *flavescens*, *Hort. Kew.*

C. Wallichii, *Hort.*

Var. *purpurea*.

**Tecoma grandiflora*, *Loisel.* China and Japan.

T. chinensis, *C. Koch.*

Bignonia chinensis, *Lam.*

B. grandiflora, *Thunb.*; *Bot. Mag.* t. 1398.

Incarvillea grandiflora, *Poir.*

Var. *sanguinea*.

Bignonia sanguinea, *Hort.*

T. radicans, *Juss.* North America. "Trumpet-flower."

Bignonia radicans, *L.*; *Bot. Mag.* t. 485.

**Eccelemocarpus scaber*, *Ruiz & Pav.*; *Bot. Reg.* t. 930.
Chili.

Calampelis scaber, *D. Don.*

Selaginaceae.

Globularia cordifolia, *L.*; *Jacq. Flora Austriaca* t. 245.
South Europe, &c.

Verbenaceae.

**Lippia citriodora*, *H. B. & K.* South America. "Scented
Verbena."

Aloysia citriodora, *Orteg.*

Verbena triphylla, *L'Hérit.*; *Bot. Mag.* t. 367.

***Rhaphithamnus cyanocarpus**, *Miers* ; Bot. Mag. t. 6849. Chili.

Citharexylon cyanocarpum, *Hook. & Arn.*

Duranta umbellata, *Miers*.

Poeppigia cyanocarpa, *Bertero*.

Callicarpa americana, *L.* ; Britt. & Brown Illustr. Fl. iii. 74. Virginia to Texas. "French Mulberry."

C. japonica, *Thunb.* ; Gard. Chron. 1871, 173, f. 39. China, Japan, Corea. "Murasaki."

C. longifolia, Bot. Reg. t. 864.

C. Murasaki, *Hort.*

Galphimia hirsuta, *Hort.* (not *Cav.*).

***C. purpurea**, *Juss.* China and Japan.

C. gracilis, *Sieb. & Zucc.*

Porphyra dichotoma, *Lour.*

Diostea juncea, *Miers* ; Bot. Mag. t. 7695. Chili.

D. chamaedryfolia, *Hort.*

Baillonia juncea, *Benth.*

Dipyrena dentata, *Philippi*.

Lippia juncea, *Schauer*.

Verbena juncea, *Hook. & Arn.*

***Vitex Agnus-castus**, *L.* ; Moggridge Flora of Mentone t. 14. Mediterranean region, &c. "Chaste Tree."

***V. incisa**, *Lam.* Illustr. t. 541, f. 2. China.

V. Agnus-castus var. arborea, *Hort.*

V. Negundo, *Curt.* Bot. Mag. t. 364 (not *Lam.*).

V. Negundo var. incisa, *C. B. Clarke*.

**Clerodendron foetidum*, *Bunge*; Bot. Mag. t. 4880. China.
C. Bungei, *Steud.*

C. trichotomum, *Thunb.*; Bot. Mag. t. 6561. China and
 Japan. "Kusagi."

Caryopteris Mastacanthus, *Schauer*; Bot. Mag. t. 6799.
 China and Japan.

C. incana, *Miq.*

Barbula sinensis, *Lour.*

Mastacanthus sinensis, *Endl.*

Nepeta incana, *Thunb.*

N. japonica, *Willd.*

Var. *candicans*.

C. candicans, *Hort.*

Labiatae.

**Lavandula dentata*, *L.*; Bot. Mag. t. 400. Mediterranean
 region.

Stoechas dentata, *Mill.*

**L. pedunculata*, *Cav.*; Laguna Fl. Forest. Esp. ii. t. 46/2.
 Spain and Portugal.

L. Spica, *Cav.*; Laguna Fl. Forest. Esp. ii. t. 46/3.
 Mediterranean region.

Var. *alba*.

Var. *nana*.

L. vera, *DC.*; Benth. & Trim. Medicinal Plants t. 199.
 Mediterranean region.

L. angustifolia, *Hayne.*

L. officinalis, *Chaix.*

L. pyrenaica, *DC.*

**Elsholtzia polystachya*, *Benth.* Temperate Himalaya.

Colebrookia oppositifolia, *Lodd.* Bot. Cab. t. 487.

Thymus azoricus, *Lodd.* Bot. Cab. t. 1530. Azores.

T. Chamaedrys, *Fries*; Eng. Bot. ed. 3, t. 1044. Europe, &c. "Common Thyme."

Var. *comosus*.

T. comosus, *Heuff.*

T. rotundifolius, *Schur.*

T. transsilvanicus, *Schur.*

\ Var. *montanus*.

T. collinus, *Bieb.*

T. montanus, *Waldst. & Kit.*

T. citriodorus, *Schreb.* South Europe.

T. Serpyllum, *L.*; Eng. Bot. ed. 3, t. 1043. Europe, &c.

Var. *pulchellus* (*Bluff & Fingerh.*).

Var. *variegatus*.

Var. *lanuginosus*.

T. lanuginosus, *Mill.*

T. vulgaris, *L.*; Benth. & Trim. Medicinal Plants t. 205.
South Europe. "Garden Thyme."

T. Zygis, *L.*; Laguna Fl. Forest. Esp. ii. t. 70/4. Spain and Portugal.

T. tenuifolius, *Mill.*

Satureia montana, *L.*; Sibth. & Sm. Flora Graeca t. 543.
Europe, &c. "Winter Savory."

S. hyssopifolia, *Bert.*

S. Kitaibeli, *Wierzb.*

S. variegata, *Host.*

Satureia montana—cont.

Micromeria montana, *Reichb.*

M. variegata, *Reichb.*

Var. *illyrica*.

S. illyrica, *Host.*

***Hyssopus officinalis*, *L.* ; Reich. Fl. Germ. t. 1259. South Europe, &c. "Hyssop."**

Var. *decumbens*.

H. decumbens, *Jord. & Fourr.* Icones Fl. Eur. t. 198.

Var. *aristatus*.

H. aristatus, *Godr.* ; *Jord. & Fourr.* Icones Fl. Eur. t. 196.

***Micromeria graeca*, *Benth.* Mediterranean region.**

Satureia graeca, *L.* ; *Sibth. & Sm.* Fl. Graeca t. 542.

S. micrantha, *Hoffmagg. & Link.*

S. nervosa, *Desf.*

Thymus hirtus, *Soland.*

T. micranthus, *Brot.*

***M. rupestris*, *Benth.* Eastern Europe.**

Calamintha rupestris, *Hort.*

Melissa alba, *Waldst. & Kit.* Pl. Hung. t. 205.

Nepeta croatica, *Spreng.*

N. pumila, *Spreng.*

Satureia rupestris, *Wulf.*

S. thymifolia, *Scop.*

***Salvia officinalis*, *L.* ; Benth. & Trim. Medicinal Plants t. 206. South Europe. "Sage."**

Var. *flore albo*.

Var. *variegata*.

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Rosmarinus officinalis, *L.*; Benth. & Trim. Medicinal Plants t. 207. "Rosemary."

Var. *foliis aureis*.

***Ballota spinosa**, *Link*; Moggridge Flora of Mentone t. 84. Riviera.

Moluccella frutescens, *L.*

***Phlomis fruticosa**, *L.*; Bot. Mag. t. 1843. South Europe, &c. "Jerusalem Sage."

P. ferruginea, *Hort.* (not *Tenore*).

***P. lunarifolia**, *Sibth. & Sm.*; Bot. Mag. t. 7699. Asia Minor.

Teucrium fruticans, *L.* South Europe, &c.

T. latifolium, *L.*; Bot. Mag. t. 245.

T. tomentosum, *Moench.*

T. Marum, *L.* South-western Europe.

T. maritimum, *Lam.*

T. subspinosum, *Pourr.*

Chamaedrys Marum, *Moench.*

T. montanum, *L.*; Sibth. & Sm. Fl. Graeca t. 534. South Europe, &c.

T. supinum, *L.*

Polium montanum, *L.*

T. Polium, *L.*; Sibth. Fl. Graeca t. 535. Mediterranean region.

Plantaginaceae.

Plantago Cynops, *L.*; Jacq. Fragmenta Botanica t. 81. South Europe.

P. genevensis, *Poir.*

MONOCHLAMYDEAE.

Chenopodiaceae.

Atriplex Breweri, *S. Wats.* California.

A. canescens, *James.* Western North America.

A. confertifolia, *S. Wats.*; U. S. Dep. Agric. Rep. 1887, t. 16. Western United States.

Obione confertifolia, *Torr.*

A. Halimus, *L.*; Sibth. Fl. Graeca t. 962. South Europe, &c. "Tree Purslane."

A. occidentalis, *Hort.*

Chenopodium Halimus, *Thunb.*

A. Nuttallii, *S. Wats.* North-western America.

A. portulacoides, *L.*; Eng. Bot. ed. 3, t. 1208. Europe, &c.

Obione portulacoides, *Moq.*

Halimus portulacoides, *Dum.*

Eurotia ceratioides, *C. A. Mey.* Caucasus, Asia Minor, &c.

Suaeda fruticosa, *Forsk.*; Eng. Bot. ed. 3, t. 1178. Northern temperate regions.

Chenopodium fruticosum, *L.*

Cochliospermum fruticosum, *Lag.*

Salsola fruticosa, *L.*

Schoberia fruticosa, *C. A. Mey.*

Sarcobatus Maximiliani, *Nees.* North America. "Grease-wood."

S. vermiculatus, *Torr.*; Britt. & Br. Illustr. Fl. i. 584, f.

Phytolaccaceae.

**Ercilla volubilis*, *A. Juss.* Chili, Peru, &c.

E. spicata, *Moq.* ; *Hook. Bot. Misc.* iii. 169, f. 102.

Bridgesia spicata, *Hook. & Arn.*

Galvesia spicata, *Bert.*

Polygonaceae.

**Eriogonum rubescens*, *Greene.* California.

E. suffruticosum, *S. Wats.* Texas.

E. umbellatum, *Torr.* Colorado to Oregon and California.

Atraphaxis buxifolia, *Jaub. & Spach.* Caucasus.

Polygonum buxifolium, *Bieb.*

P. caucasicum, *Hoffm.*

P. crispulum, *Sims Bot. Mag.* t. 1065.

Tragopyrum buxifolium, *Bieb.*

A. lanceolata, *Bunge.* Temperate Asia.

Tragopyrum lanceolatum, *Bieb.*

Polygonella lanceolata, *Meisn.*

A. Muschketowi, *Krassn.* ; *Bot. Mag.* t. 7435. Central Asia.

Tragopyrum lanceolatum *var. latifolium*, *Regel Gartenflora* t. 1344.

A. spinosa, *L.* Orient.

A. Fischeri, *Jaub. & Spach.*

Tragopyrum spinosum, *Presl.*

A. Tournefortii, *Jaub. & Spach* *Ill. Plant. Orient.* t. 112.
Syria.

Polygonum baldschuanicum, *Regel*; Bot. Mag. t. 7544.
Bokhara.

P. multiflorum, *Thunb.* China and Japan.

Muehlenbeckia adpressa, *Meisn.* Australia.

Polygonum adpressum, *Labill.*; Bot. Mag. t. 3145.

M. axillaris, *Hook. f.* New Zealand, &c.

M. nana, *Hort.*

M. complexa, *Meisn.* New Zealand.

M. varians, *Meisn.* Origin uncertain.

M. varium, *Hort.*

Brunnichia cirrhosa, *Banks.* Southern United States.

Rayania ovata, *Walt.*

Polygonum claviculatum, *Hort.*

Aristolochiaceae.

Aristolochia californica, *Torr.* California.

**A. altissima*, *Desf.*; Bot. Mag. t. 6586. Sicily and Algeria.

A. Siphon, *L'Hérit.*; Bot. Mag. t. 534. United States.

A. frutescens, *Marsh.*

A. macrophylla, *Lam.*

Siphisia Siphon, *Klotzsch.*

A. tomentosa, *Sims* Bot. Mag. t. 1369. Southern United States.

**A. hirsuta*, *Muhl.*

Siphisia tomentosa, *Rafin.*

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1. The first part of the paper is devoted to a discussion of the
2. various methods of determining the rate of reaction.
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4. various methods of determining the order of reaction.
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6. various methods of determining the activation energy.
7. The fourth part is devoted to a discussion of the
8. various methods of determining the equilibrium constant.
9. The fifth part is devoted to a discussion of the
10. various methods of determining the rate of reaction.
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16. various methods of determining the equilibrium constant.
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22. various methods of determining the activation energy.
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24. various methods of determining the equilibrium constant.
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30. various methods of determining the activation energy.
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33. The seventeenth part is devoted to a discussion of the
34. various methods of determining the rate of reaction.
35. The eighteenth part is devoted to a discussion of the
36. various methods of determining the order of reaction.
37. The nineteenth part is devoted to a discussion of the
38. various methods of determining the activation energy.
39. The twentieth part is devoted to a discussion of the
40. various methods of determining the equilibrium constant.
41. The twenty-first part is devoted to a discussion of the
42. various methods of determining the rate of reaction.
43. The twenty-second part is devoted to a discussion of the
44. various methods of determining the order of reaction.
45. The twenty-third part is devoted to a discussion of the
46. various methods of determining the activation energy.
47. The twenty-fourth part is devoted to a discussion of the
48. various methods of determining the equilibrium constant.
49. The twenty-fifth part is devoted to a discussion of the
50. various methods of determining the rate of reaction.
51. The twenty-sixth part is devoted to a discussion of the
52. various methods of determining the order of reaction.
53. The twenty-seventh part is devoted to a discussion of the
54. various methods of determining the activation energy.
55. The twenty-eighth part is devoted to a discussion of the
56. various methods of determining the equilibrium constant.
57. The twenty-ninth part is devoted to a discussion of the
58. various methods of determining the rate of reaction.
59. The thirtieth part is devoted to a discussion of the
60. various methods of determining the order of reaction.
61. The thirty-first part is devoted to a discussion of the
62. various methods of determining the activation energy.
63. The thirty-second part is devoted to a discussion of the
64. various methods of determining the equilibrium constant.
65. The thirty-third part is devoted to a discussion of the
66. various methods of determining the rate of reaction.
67. The thirty-fourth part is devoted to a discussion of the
68. various methods of determining the order of reaction.
69. The thirty-fifth part is devoted to a discussion of the
70. various methods of determining the activation energy.
71. The thirty-sixth part is devoted to a discussion of the
72. various methods of determining the equilibrium constant.
73. The thirty-seventh part is devoted to a discussion of the
74. various methods of determining the rate of reaction.
75. The thirty-eighth part is devoted to a discussion of the
76. various methods of determining the order of reaction.
77. The thirty-ninth part is devoted to a discussion of the
78. various methods of determining the activation energy.
79. The fortieth part is devoted to a discussion of the
80. various methods of determining the equilibrium constant.
81. The forty-first part is devoted to a discussion of the
82. various methods of determining the rate of reaction.
83. The forty-second part is devoted to a discussion of the
84. various methods of determining the order of reaction.
85. The forty-third part is devoted to a discussion of the
86. various methods of determining the activation energy.
87. The forty-fourth part is devoted to a discussion of the
88. various methods of determining the equilibrium constant.
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90. various methods of determining the rate of reaction.
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92. various methods of determining the order of reaction.
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94. various methods of determining the activation energy.
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96. various methods of determining the equilibrium constant.
97. The forty-ninth part is devoted to a discussion of the
98. various methods of determining the rate of reaction.
99. The fiftieth part is devoted to a discussion of the
100. various methods of determining the order of reaction.

Chloranthaceae.

**Chloranthus brachystachys*, *Blume*. China, Japan, &c.

Lauraceae.

**Cinnamomum Loureirii*, *Nees*. Cochin China. "Nikei."

**Persea Lingue*, *Nees*. Chili.

Laurus Lingue, *Ruiz & Pav.*

Sassafras officinale, *Nees*. United States.

S. albidum, *Nees*.

S. Sassafras, *Karst.*; Sargent Silva of North America
tt. 304-5.

S. variifolium, *O. Kunze*.

Laurus albida, *Nutt.*

L. diversifolia, *Stokes*.

L. Sassafras, *L.*; Loud. Arb. et Frut. Brit. 684, f. 1333.

L. variifolia, *Salisb.*

Persea Sassafras, *Spreng.*

Tetranthera albida, *Spreng.*

**Litsaea cupularis*, *Hemsl.* China.

L. geniculata, *Benth. & Hook. f.* Southern United States.
"Pond Spice."

Laurus geniculata, *Michx.*; Bot. Mag. t. 1471.

Tetranthera geniculata, *Nees*.

**L. japonica*, *Mirb.* China, Japan, &c.

Tetranthera japonica, *Spreng.*; Sieb. & Zucc. Fl. Jap.
t. 87.

Tomex japonica, *Thunb.*

Thymelaeaceae.

Daphne alpina, *L.* ; Lodd. Bot. Cab. t. 66. South Europe.

D. candida, *Vitm.*

Thymelaea alpina, *All.*

T. candida, *Scop.*

D. altaica, *Pall.* ; Bot. Mag. t. 1875. Siberia.

D. blagayana, *Freyer* ; Bot. Mag. t. 7579 ; Garden 1878,
xiv. 200, t. 143. Carniolia.

D. caucasica, *Pall.* ; Bot. Mag. t. 7388. Caucasus.

D. euphorbioides, *Pusch.*

D. salicifolia, *Lam.*

D. Cneorum, *L.* ; Bot. Mag. t. 313. South Europe, &c.
"Garland-flower."

D. odoratum, *Lam.*

Thymelaea Cneorum, *Scop.*

Var. major.

Var. Verloti. Dauphiny.

D. Verloti, *Gren. & Godr.* ; Rev. Hort. 1901, 304,
f. 130.

D. Dauphini, *Hort.* (*sericea* × *odora*). Garden origin.

D. Delphini, *Hort.*

D. Delphinium, *Hort.*

D. hybrida, *Lindl.* Bot. Reg. t. 1177.

D. hyemalis, *Hort.*

***Daphne Genkwa**, *Sieb. & Zucc.* Fl. Jap. i. 137, t. 75.
China and Japan.

D. Fortunei, *Lindl.*

D. Laureola, L. ; Benth. & Trim. Medicinal Plants t. 226.
Europe, North Africa, West Asia. "Spurge Laurel."

D. major, Lam.

Thymelaea Laureola, Scop.

Var. Philippi.

D. Philippi, Gren. & Godr. Pyrenees.

Var. purpurea.

D. houtteana, Planch.

D. Mezereum foliis atropurpureis. Flore des Serres
vi. t. 592.

D. Mezereum var. atropurpurea, Dippel.

D. Mezereum, L. ; Benth. & Trim. Medicinal Plants t. 225.
Europe, Siberia. "Mezereon."

Mezereum officinarum, C. A. Mey.

Thymelaea Mezereum, Scop.

T. praecox, Gilib.

Var. flore albo. Garden 1886, xxix. 602, t. 550.

Var. flore albo pleno. Garden 1886, xxix. 602, t. 550.

Var. grandiflora.

D. autumnalis, Hort.

***D. odora, Thunb. ; Bot. Mag. t. 1587. China and Japan.**

D. indica, Loisel. (not L.).

D. japonica, Sieb. & Zucc.

D. sinensis, Lam.

D. oleoides, Schreb. ; Bot. Mag. t. 1917. South Europe, &c.

D. Cneorum maxima, Hort.

D. collina var. neapolitana, Lindl. Bot. Reg. t. 822.

D. delahayana, Hort.

D. fioniana, Hort.

D. neapolitana, Lodd.

D. oleoides—cont.

Var. *elegantissima*, *Hort.*

D. neapolitana elegantissima, *Hort.*

D. petraea, *Leybold*; Dippel Laubholzk. iii. 196, f. 102.
Tyrol.

D. rupestris, *Facch.*

D. pentica, *L.*; Bot. Mag. t. 1282. Orient.

D. sericea, *Vahl*. South Europe.

D. alpina, *Savi* (not *L.*).

D. australis, *Cyr.*; Bot. Reg. xxiv. t. 56.

D. collina, *Sm.*; Bot. Mag. t. 428.

D. striata, *Tratt.*; Reichb. Fl. Germ. xi. t. 554. Europe.

Dirca palustris, *L.*; Bot. Reg. t. 292. North America.
"Leatherwood."

**Edgeworthia chrysantha*, *Lindl.* Bot. Reg. 1847, t. 48.
China, Japan.

**Wikstroemia canescens*, *Meissn. var. Ganpi*, *Miq.* Japan.

Passerina Ganpi, *Sieb. & Zucc.*

Stellera japonica, *Sieb.*

Elaeagnaceae.

Elaeagnus angustifolia, *L.*; Bot. Reg. t. 1156. Mediterranean region and Orient.

E. argentea, *Moench* (not *Pursh*).

E. flava, *Hort.*

E. hortensis, *Bieb.*

E. incana, *Lam.*

Elaeagnus angustifolia—cont.

E. songorica, *Fisch.*

E. spinosa, *L.*

Var. *elliptica*.

Var. *microcarpa*.

***E. argentea*, *Pursh* ; Wats. Dendr. Brit. ii. t. 161. North America. "Silver Berry."**

Shepherdia argentea, *Hort.* (not *Nutt.*).

***E. glabra*, *Thunb.* China, Japan, &c. "Yama Gumi."**

E. tenniflora, *Benth.*

Var. *variegata*.

***E. macrophylla*, *Thunb.* ; Bot. Mag. t. 7638. Japan and Formosa. "Fon Gumi."**

***E. multiflora*, *Thunb.* ; Bot. Mag. t. 7341. China, Japan.**

E. crispa, *Thunb.*

E. edulis, *Sieb.*

E. longipes, *A. Gray* ; Gard. Chron. 1873, 1114, f. 206.

E. odorata edulis, *Hort.*

E. rotundifolia, *Gagn.*

***E. orientalis*, *L.* ; Pallas Flora Rossica t. 5. Orient.**

E. sativa, *Hort.*

E. tomentosa, *Moench.*

***Elaeagnus pungens*, *Thunb.* China and Japan. "Natsu Gumi."**

E. reflexa, *E. Morr. & Decne.*

E. sinensis, *Hort.*

Var. *aurea*, *Hort.*

Var. *aureo-picta*.

Elaeagnus pungens—cont.

Var. *Simonii*.

E. *Simonii*, *Carr.*

Var. *Simonii aureo-variegata*.

Var. *tricolor*, *Hort.*

Var. *variegata*, *Hort.*

E. umbellata, *Thunb.*; *Rev. Hortic.* 1901, 85, f. Japan.
"Masiro Gumi."

E. *conferta*, *Hort.*

E. *japonica*, *Hort.*

E. *latifolia*, *Hort.* (not *L.*).

E. *longipes crispa*, *Hort.*

E. *parvifolia*, *Wall.*; *Bot. Reg.* xxix. t. 51.

E. *tenuifolia*, *Hort.* (not *Benth.*).

Hippophae rhamnoides, *L.* *Gardeners' Magazine* 1894, 791,
f. Europe, Temperate Asia. "Sea Buckthorn."

Osyris rhamnoides, *Scop.*

Var. *angustifolia*.

Var. *taurica*.

H. salicifolia, *D. Don.* Himalaya.

Shepherdia argentea, *Nutt.*; *Gartenflora* 1889, 626, f.
North America. "Buffalo Berry."

Hippophae argentea, *Pursh.*

Lepargyrea argentea, *Greene*; *Britt. & Br. Illustr.*
Fl. ii. 467, f.

S. canadensis, *Nutt.* North America.

Hippophae canadensis, *L.*

Lepargyrea canadensis, *Greene*; *Britt. & Br. Illustr.*
Fl. ii. 467, f.

Loranthaceae.

Loranthus europaeus, *Jacq.* *Flora Austriaca* i. t. 30. South Europe and Orient.

Viscum album, *L.*; *Gard. Chron.* 1873, 1703, f. 340; *Garden* 1872, ii. 536, ff. Europe, N. Asia. "Mistletoe."

Santalaceae.

Buckleya distichophylla, *Torr.*; *Garden and Forest* 1890, 236, f. 37. North Carolina.

Berya distichophylla, *Nutt.*

Euphorbiaceae.

Securinega ramiflora, *Muell. Arg.* Eastern Asia.

Flueggea suffruticosa, *Baill.*

Geblera suffruticosa, *Fisch. & Mey.*

Phyllanthus ramiflorus, *Pers.*

Xylophylla ramiflora, *Ait.*

***Sarcococca hookeriana**, *Baill.*; *Garden* 1884, xxv. 359, f. Himalaya.

Buxus balearica, *Lam.* Balearic Islands.

B. sempervirens *var. gigantea*; *Nouv. Duham.* i. 82, t. 23.

B. Harlandi, *Hance.* China.

B. chinensis, *Hort.*

B. japonica, *Muell. Arg.* Japan.

B. microphylla, *Sieb. & Zucc.* Japan.

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B. sempervirens, *L.*; Eng. Bot. ed. 3, t. 1252. Europe,
N. Africa, N. & W. Asia.

Var. arborescens, *Loud.*

B. arborescens, *Mill.*

Var. argentea, *Hort.*

B. argenteo-marginata, *Hort.*

Var. aurea maculata, *Hort.*

Var. aurea pendula, *Hort.*

Var. aureo-marginata, *Hort.*

Var. elegantissima, *Hort.*

Var. Handsworthii, *Hort.*

Var. latifolia, *Hort.*

Var. latifolia bullata, *Hort.*

Var. latifolia macrophylla, *Hort.*

Var. latifolia maculata, *Hort.*

Var. latifolia nova, *Hort.*

Var. longifolia, *Hort.*

Var. myosotifolia, *Hort.*

Var. myrtifolia, *Loud.*

B. myrtifolia, *Lam.*

B. sempervirens var *leptophylla*, *Nouv. Duham. i.*
23, f. 3.

Var. navicularis.

B. navicularis, *Hort.*

Var. pendula.

Var. Ponteyi, *Hort.*

Var. prostrata, *Hort.*

Var. pyramidalis.

B. Sempervirens—cont.**Var. rosmarinifolia, Baill.****B. rosmarinifolius, Hort.****B. thymifolia, Hort.****Var. salicifolia elata.****Var. suffruticosa, Loud. "Edging Box."****B. suffruticosa, Mill.****Var. undulifolia.****B. wallichiana, Baill. Himalaya.****B. himalayensis, Hort.****B. longifolia, Jacquem.****B. sempervirens var. arborea, Wall.****Pachysandra procumbens, Michx.; Bot. Mag. t. 1964.
North America****P. terminalis, Sieb. & Zucc. Japan.****Andrachne colchica, Fisch. & Mey. Caucasus.****Daphniphyllum macropodum, Miq.; Shirasawa Iconogr.
Ess. Forest. du Japon t. 54. China and Japan.
"Sioumi."****D. glaucescens, Hort. (not Blume).****D. Teysmanni, Hort. (not Kurz).****Var. jezoensis.****D. jezoensis, Hort.****Var. concolor, Dippel.****D. glaucescens var. viridis, Hort.****Var. variegata.**

Urticaceae.

Ulmus alata, *Michx.*; Sargent Silva of North America
 134 t. 313. Southern United States. "Wahoo;
 Winged Elm."

U. americana var. *alata*, *Spach.*

U. pumila, *Walt.* (not *L.*).

U. americana, *L.*; Sargent Silva of North America t. 311.
 North America. "American or White Elm."

U. alba, *Rafin.*

U. floridana, *Chapm.*

U. mollifolia, *Marsh.*

U. pendula, *Willd.*

Var. *pendula*.

U. campestris, *L.*; Benth. & Trim. Medic. Plants t. 232.
 Europe, North Africa, Siberia. "Common Elm."

U. angustifolia, *Moench.*

U. minor, *Mill.*

U. nana, *Borkh.*

U. nemorosa, *Borkh.*

U. nuda, *Ehrh.*

U. suberosa, *Ehrh.*

U. suberosa var. *genuina*, *Syme* Eng. Bot. ed. 3, t. 1285.

Var. *antarctica*, *Hort.*

Var. *antarctica aurea*, *Hort.*

U. campestris var. *aurea*, *Morren* Belg. Hortic.
 1866, 356, t. 19.

U. Rosseelsii, *Hort.*

Var. *antarctica pendula*, *Hort.*

Var. *Berardi*, *Simon-Louis* Cat. Gen. 1869, f. 7; Dippel
 Laubholz. ii. 24, f. 7.

U. campestris—cont.

Var. *betulaefolia*, *Loud.*

U. *betulaefolia*, *Lodd.*

Var. *cretensis*, *Hort.*

Var. *erecta*, *Loud.*

Var. *gracilis*, *Hort.*

Var. *japonica*, *Sargent.* Japan.

• Var. *latifolia variegata*, *Hort.*

Var. *Louis Van Houtte*.

Var. *microphylla pendula*, *Hort.*

Var. *modiolina*, *Hort.*

Var. *myrtifolia*, *Hort.*

V. *buxifolia*, *Hort.*

Var. *pendula nova*, *Hort.*

Var. *pyramidalis*, *Hort.*

Var. *sarniensis*, *Loud.* "Jersey Elm."

U. *sarniensis*, *Lodd.*

Var. *suberosa*, *Loud.* "Cork-barked Elm."

U. *suberosa*, *Moench.*

Var. *suberosa pendula*, *Hort.*

Var. *tortuosa*, *Loud.*

U. *tortuosa*, *Lodd.*

Var. *umbraculifera*, *Trautv.*

Var. *umbraculifera gracilis*.

Var. *variegata*, *Hort.*

Var. *variegata nova*, *Hort.*

Var. *viminalis*, *Loud.*

U. *viminalis*, *Lodd.*

U. campestris—cont.

Var. *viminalis stricta*, *Hort.*

Var. *viminalis variegata*, *Hort.*

U. campestris.

Var. *viscosa*, *Hort.*

Var. *webbiana*, *Hort.*

Var. *Wheatleyi*, *Hort.*

U. crassifolia, *Nutt.*; Sargent Silva of North America t. 315. Arkansas, Texas, &c. "Cedar Elm."

U. opaca, *Nutt.*

U. elliptica, *C. Koch*; Dippel Laubholz. ii. 31, f. 9. Turkestan.

U. Heyderi, *Spaeth.*

U. longifolia, *Hort.*

U. sibirica, *Hort.*

U. fulva, *Michx.*; Sargent Silva of North America t. 314; Benth. & Trim. Medic. Plants t. 233. North America. "Slippery Elm."

U. americana var. fulva, *Loud.*

U. americana var. rubra, *Ait.*

U. rubra, *Michx.*

Var. *pendula*.

U. glabra, *Mill.* Europe.

U. campestris var. laevis, *Spach.*

U. carpinifolia, *Lindl.*

U. inaequalis, *Bosc.*

U. montana var. glabra, *Loud.*

U. nitens, *Moench.*

U. suberosa var. glabra, *Syme Eng. Bot. t. 1286.*

U. glabra—cont.**Var. cornubiensis. "Cornish Elm."***U. campestris* var. *cornubiensis*, *Loud.**U. stricta*, *Lindl.***Var. pendula, Nichols.****Var. pendula nova, Hort.***U. campestris* *pendula nova*, *Hort.***Var. rubra.***U. corylifolia* *rubra*, *Hort.*

U. montana, With. ; Eng. Bot. ed. 3, t. 1287 ; Flora Danica t. 2533. Europe, North Asia. "Scotch or Wych Elm."

U. alba, *Waldst. & Kit.**U. fulva*, *Hort.* (not *Michx.*).*U. major*, *Sm.**U. scabra*, *Mill.***Var. atropurpurea, Hort.****Var. aurea, Hort.***U. campestris* var. *aurea*, *Hort.***Var. cinerea, Lavall.***U. cinerea*, *Hort.***Var. crispa, Loud.***U. adiantifolia*, *Hort.**U. asplenifolia*, *Hort.**U. campestris* var. *crispa*, *Desf.**U. campestris* var. *urticaefolia*, *Hort.**U. crispa*, *Willd.**U. effusa* *crispa*, *Hort.**U. effusa* *cristata*, *Hort.**U. urticaefolia*, *Hort.*

U. montana—cont.**Var. cucullata, Hort.****Var. Dauvessei, Hort.****U. campestris var. Dauvessei, Hort.****Var. Dovaei, Hort.****U. campestris var. Dovaei, Hort.****U. scabra var. Dovaei, Hort.****Var. etrusca, Hort.****U. campestris var. etrusca, Hort.****Var. fastigiata, Loud. "Exeter Elm; Ford's Elm."****U. Dampieri, Hort.****U. exoniensis, Hort.****U. Fordi, Hort.****U. glabra replicata, Hort.****U. montana var. pyramidalis, O. Koch.****U. ohioensis, Hort.****U. plumosa, Hort.****Var. fastigiata aurea, Hort.****U. Dampieri aurea, Hort.****U. Dampieri Wredei, Hort.****U. Wredei, Hort.****Var. gigantea, Hort.****Var. laciniata, Trautv.****U. intermedia, Hort.****U. montana var. tiliaefolia, Hort.****U. montana var. tricuspis, Dippel.****U. montana var. tridens, Hort.****U. montana var. triserrata, Hort.****U. triserrata, Hort.****Var. latifolia nigricans, Hort.**

U montana—cont.

Var. libro rubro, Hort.

Var. lutescens, Dippel.

U. campestris *var. lutescens*, Dieck.

Var. macrophylla, Hort.

U. campestris *var. macrophylla*, Spach.

Var. macrophylla fastigiata, Hort.

Var. nana.

U. latifolia *nana*, Hort.

Var. nigra, Loud. “Black Irish Elm.”

U. nigra, Lodd.

Var. pendula, Loud. Arb. & Frut. Brit. 721, f. 1398.

U. americana *pendula*, Hort.

U. fulva *pendula*, Hort.

U. glabra *decumbens*, Hort.

U. glabra *pendula*, Hort.

U. horizontalis, Hort.

Var. pendula variegata, Hort.

Var. purpurea.

U. corylifolia *purpurea*, Hort.

Var. scotica, Hort.

Var. serpentina, Hort.

Var. superba, Hort.

Var. vegeta, Loud.

U. glabra *var. vegeta*, Dippel.

U. parviflora, Jacq. ; Dippel Laubholzk. ii. 35, f. 11. China and Japan.

U. campestris *var. chinensis*, Hort.

U. chinensis, Pers.

U. parviflora—cont.

U. pumila, *Hort.* (not *L.*).

U. virgata, *Roxb.*

Microptelea parvifolia, *Spach.*

Planera parvifolia, *Sweet.*

U. pedunculata, *Fouger.* Europe, &c.

U. ciliata, *Ehrh.*

U. effusa, *Willd.*; *Loud. Encycl. Trees and Shrubs*
720, f. 1397; *Flora Danica* t. 2830.

U. laevis, *Pall.*

U. octandra, *Schkuhr.*

U. racemosa, *Borkh.* (not *D. Thomas*).

U. pinnato-ramosa, *Dieck.* Siberia.**U. pumila**, *L.* Northern Asia.

U. Koopmanni, *Hort.*

U. microphylla, *Pers.*

U. racemosa, *D. Thomas*; *Sargent Silva of North America*
t. 312. North America. "Rock Elm."**U. serotina**, *Sargent.* Southern United States.**U. turkestanica**, *Regel.* Turkestan.**Planera aquatica**, *Gmel.*; *Sargent Silva of North America*
t. 316.**Zelkova acuminata**, *Planch.*; *Shirasawa Iconogr. Ess.*
Forest. du Japon t. 36. Japan. "Keaki."

Z. Keaki, *Maxim.*; *Dippel Laubholzk.* ii. 41, f. 15.

Planera acuminata, *Lindl.*

P. cuspidata, *Hort.*

P. japonica, *Miq.*

Ulmus Keaki, *Sieb.*

Zelkova acuminata—cont.

U. monumentalis, *Hort.*

Z. crenata, *Spach.* Caucasus.

Z. carpinifolia, *Dippel.*

Abelicea ulmoides, *O. Kuntze.*

Planera carpinifolia, *Wats. Dendr. Brit. ii. t. 106.*

P. crenata, *Desf.*

P. Gmelini, *Hort.* (not *Michx.*).

P. Richardi, *Michx.*

Ulmus polygama, *Rich.*

Var. pendula, *Hort.*

Z. Verschaffelti, *Dippel* Laubholzk. ii. 40, f. 14. East Asia.

Z. japonica var. Verschaffelti, *Hort.*

Ulmus pendula laciniata Pitteursii, *Hort.*

Ulmus Verschaeffelti, *Hort.*

Celtis australis, *L.* ; *Wats. Dendr. Brit. ii. t. 105.* Mediterranean region.

C. serrata, *Hort.*

C. caucasica, *Willd.* Caucasus, &c.**C. glabrata**, *Stev.* Orient, &c.

C. caucasica, *Hohen.* (not *Stev.*).

C. glabra, *Hort.* (not *Planch.*).

C. kotschyana, *Stev.*

C. Tournefortii var. glabrata, *Boiss.*

C. mississippiensis, *Bosc* ; Sargent Silva of North America t. 318. South United States. "Sugarberry."

C. Berlandieri, *Klotzsch.*

C. integrifolia, *Nutt.*

C. laevigata, *Willd.*

C. mississippiensis—cont.

C. Lindheimeri, *C. Koch.*

C. occidentalis, *Sargent* Garden and Forest iii. 39 (in part), ff. 9, 10, 11.

C. texana, *Scheele.*

C. occidentalis, *L.* ; *Sargent* Silva of North America t. 317. North America. "Hackberry."

C. americana, *Hort.* (not *L.*).

C. audibertiana, *Spach.*

C. cordata, *Pers.*

C. crassifolia, *Lam.*

C. Douglasii, *Planch.*

C. obliqua, *Moench.*

C. procera, *Salisb.*

C. reticulata, *Cooper* (not *Torr.*).

Ulmus cordata, *Hort.*

Var. grandidentata, *Dippel.*

C. grandidentata, *Tenore.*

Var. pumila, *A. Gray.* South-eastern United States to Utah, &c.

C. sinensis, *Pers.* ; *Shirasawa* Iconogr. des Ess. Forest. du Japon t. 36, ff. 18–21. China and Japan. "Senoki."

C. japonica, *Planch.*

C. Tournefortii, *Lam.* Orient.

C. glabrata, *Hort.* (not *Stev.*).

C. orientalis, *Mill.*

Aphananthe aspera, *Planch.* ; *Shirasawa* Iconogr. des Ess. Forest. du Japon t. 37, ff. 10–20. China and Japan. "Muku."

Celtis Muku, *Sieb. & Zucc.*

Aphananthe aspera—*cont.*

Homoiceltis aspera, *Blume*.

Sponia nudiflora, *Sieb. & Zucc.*

Prunus aspera, *Thunb.*

Broussonetia Kazinoki, *Sieb.*; *Icones Horti, Thenensis* ii. t. 45. Japan.

B. Kaempferi, *Sieb.*

B. Sieboldii, *Blume*.

Morus Kaempferi, *Seringe*.

B. papyrifera, *Vent.*; *Bot. Mag.* t. 2358. China, Japan, Polynesia, &c.

Morus papyrifera, *L.*

Papyrius japonica, *Poir.*

Var. cucullata, *Loud.*

B. cucullata, *Hort.*

B. navicularis, *Lodd.*

B. spathulata, *Hort.*

Var. laciniata, *Seringe*.

B. dissecta, *Hort.*

B. heterophylla, *Hort.*

Var. macrophylla, *Hort.*

Maclura aurantiaca, *Nutt.*; *Gard. Chron.* 1894, xvi. 693, f. 88. South United States. "Osage Orange."

M. Calcargothi, *Hort.* (not *A. Cunn.*).

Broussonetia tinctoria, *Torr.* (not *Kunth*).

Toxylon pomiferum, *Rafin.*; *Sargent Silva* of North America tt. 322, 323.

Var. inermis, *André Revue Hortic.* 1896, 33, f. 10.

Morus alba, *L.*; Brandis Forest Flora t. 47. Temperate and subtropical Asia. "White Mulberry."

M. alpina, *Hort.*

Var. **Colombassa**, *Seringe* Description . . . des Muriers, t. 14.

M. serotina, *Mart.*

Var. **constantinopolitana**, *Loud.*; Dippel Laubholzk. ii. 11, f. 2.

M. constantinopolitana, *Poir.*

M. byzantina, *Sieber.*

Var. **Gasparini**, *Hort.*

Var. **heterophylla**, *Hort.*

Var **italica**, *Loud.*

M. italica, *Poir.*

Var. **laciniata**, *Hort.*

M. nigra laciniata, *Hort.*

Var. **latifolia**, *Bur.*

M. alba var. Lhow, *Seringe.*

M. alba var. multicaulis, *Loud.*

M. chinensis, *Lodd.*

M. intermedia, *Perottet.*

M. latifolia, *Poir.* (not *Hort.*).

M. multicaulis, *Perottet.*

M. sinensis, *Hort.*

M. tatarica, *Desf.*

Var. **macrophylla**, *Loud.*

M. alba var. latifolia, *Hort.* (not *Poir.*).

M. alba var. Moretti, *Seringe.*

M. hispanica, *Hort.*

M. macrophylla, *Moretti.*

M. Moretti, *Audib.*

Morus alba—cont.

M. morettiana, *Jacq.*

M. neapolitana, *Hort.*

Var. pendula, *Hort.*

Var. pumila, *Loud.*

M. alba var. nana, *Hort.*

M. pumila, *Balb.*

Var. rosea, *Seringe.*

M. lucida, *Hort.*

Var. stylosa, *Bureau.*

M. japonica, *Audib.*

Var. Tokwa, *Bur.*

M. Tokwa, *Sieb.*

Var. urticaefolia, *Hort.*

Var. venosa, *Delile*; Dippel Laubholzk. ii. 13, f. 4.

M. alba var. fibrosa, *Seringe.*

M. alba var. nervosa, *Lodd.*

M. nervosa, *Hort.*

M. Cedrona, *Hort.* Garden origin.

M. globosa, *Rothe* (*alba* × *rubra*?). Garden origin.

M. nigra, *L.*; Wats. Dendr. Brit. ii. t. 159; Benth. & Trim.
Medic. Plants t. 229. Native country unknown.
“Black Mulberry.”

M. rubra. *L.*; Sargent Silva of North America t. 320.
North America. “Red Mulberry.”

M. canadensis, *Poir.*

M. missouriensis, *Audib.*

M. rubra—cont.

M. pensylvanica, *Nois.*

M. scabra, *Willd.*

M. virginica, *Duham.*

Var. laciniata.

M. canadensis var. *laciniata*, *Hort.*

***Ficus Carica**, *L.* ; Trans. Lin. Soc. ser. ii. 3, t. 46 ; Benth. & Trim. Medic. Plants t. 228. Afghanistan, Eastern Persia. "Common Fig."

F. communis, *Lam.*

F. hirta, *Hort.* (not *Vahl*).

Cudrania triloba, *Hance* ; Icones Plantarum t. 1792. China. "Silkworm Thorn."

C. tricuspidata, *Bureau.*

Maclura tricuspidata, *Carr.* Rev. Hort. 1864, 390, f. 37 ; 1872, 56, f. 7.

Platanaceae.

Platanus acerifolia, *Willd.* ; Jaennicke Die Gattung Platanus t. viii. Orient. "London Plane."

P. algeriensis, *Hort.*

P. californica, *Hort.* (not *Benth.*).

P. hispanica, *Tenore.*

P. integrifolia, *Hort.*

P. intermedia, *Hort.*

P. macrophylla, *Cree.*

P. occidentalis, *Wats.* Dendr. Brit. t. 100 (not *L.*).

P. orientalis var. *acerifolia* *Loud.* Arb. Brit. 928, f. 1733.

P. pyramidalis, *Hort.*

P. racemosa, *Hort.* (not *Nutt.*).

P. vulgaris var. *acerifolia*, *Hort.*

Platanus acerifolia—cont.

Var. *Süttneri*, *Hort.*

P. occidentalis *Süttneri*, *Hort.*

P. occidentalis argentea variegata.

***P. cuneata*, Willd. Orient.**

P. digitata, *Gord.*; Jaennicke Die Gattung *Platanus* t. ii. f. 13.

P. nepalensis, *Hort.*

P. nepalensis laciniata, *Hort.*

P. orientalis var. *cuneata*, *Loud.* Arb. Brit. 929, f. 1734; Jaennicke Die Gattung *Platanus* t. iii. ff. 3-7.

P. palmata superba, *Hort.*

P. occidentalis, *L.*; Sargent Silva of North America tt. 326, 327. North America. "Button Wood."

P. vulgaris var. *angulosa*, *Spach.*

P. orientalis, *L.*; Wats. Dendr. Brit. t. 101; Sibth. Flora Graeca t. 945. Orient. "Oriental Plane."

P. heterophylla, *Hort.*

P. liquidambarifolia, *Hort.*

P. vitifolia, *Hort.*

P. vulgaris, *Spach.*

Juglandaceae.

***Carya alba*, Nutt.**; Loud. Arb. Brit. iii. 1446, f. 1269. North America. "Shell-bark Hickory."

C. ovata, *C. Koch.*

Hicoria ovata, *Britton*; Sargent Silva of North America tt. 346, 347.

Juglans ovata, *Mill.*

J. squamosa, *Michx. f.*



C. amara, Nutt. North America. "Bitter-Nut."

Hicoria minima, Britton; Sargent Silva of North America tt. 340, 341.

Juglans alba var. *minima*, Marsh.

J. amara, Michx. f.

J. angustifolia, Poir.

J. cordiformis, Wangerh.

C. aquatica, Nutt. South United States. "Water Hickory, Bitter Pecan."

Hicoria aquatica, Britt.; Sargent Silva of North America t. 344.

C. myristicaeformis, Nutt. Southern United States. "Nutmeg Hickory."

Hicoria myristicaeformis, Britton; Sargent Silva of North America tt. 342, 343.

H. fernowiana, Sudworth.

Juglans myristicaeformis, Michx. f.

C. olivaeformis, Nutt. Southern United States. "Pecan."

C. angustifolia, Sweet.

C. illinoensis, C. Koch.

C. tetraptera, Liebm.

Hicoria Pecan, Britton; Sargent Silva of North America tt. 338, 339.

H. texana, Le Conte.

Juglans cylindrica, Poir.

J. illinoensis, Wangerh.

J. olivaeformis, Michx.

J. Pecan, Marsh.

C. porcina, Nutt. North America. "Pig-nut."

C. amara var. *porcina*, Darby.

C. glabra, Spach.

C. porcina—cont.

C. obcordata, Sweet.

Hicoria glabra, Britton; Sargent Silva of North America, tt. 352, 353.

Juglans glabra, Mill.

J. obcordata, Muehlenb. & Willd.

J. porcina, Michx.

J. squamosa, Poir. (not Michx. f.).

Var. microcarpa.

C. microcarpa, Nutt.

Hicoria glabra var. *odorata*, Sargent Silva of North America, t. 354.

H. microcarpa, Britton.

H. odorata, Dippel.

Juglans alba var. *odorata*, Marsh.

C. sulcata, Nutt.; Loud. Arb. Brit. iii. 1448, f. 1271.
United States. "Big Shell-bark; King-nut."

C. cordiformis, C. Koch.

C. pubescens, Sweet.

Hicoria acuminata, Dippel.

H. laciniosa, Sargent Silva of North America tt. 348, 349.

H. sulcata, Britton.

Juglans laciniosa, Michx. f.

J. sulcata, Pursh.

C. tomentosa, Nutt.; Loud. Arb. Brit. iii. 1445, f. 1267.
North America.

C. alba, C. Koch. (not Nutt.).

Hicoria alba, Britton; Sargent Silva of North America tt. 350, 351.

Juglans alba, L.

J. tomentosa, Poir.

Juglans alata, *Carr.* (cinerea \times regia), Garden and Forest 1894, 435, f. 69. Garden origin.

J. californica, *S. Wats.*; Sargent Silva of North America t. 337. California.

J. cinerea, *L.*; Sargent Silva of North America tt. 331, 332. North America. "Butternut."

J. cathartica, *Michx. f.*

J. oblonga, *Mill.*

J. oblonga var. alba, *Marsh.*

Carya cathartica, *Barton.*

Var. microcarpa.

J. cordiformis, *Maxim.*; Shirasawa Iconogr. des Essen. Forest. du Japon t. 17; Gard. Chron. 1901, xxx. Suppl. Oct. 19. Japan.

J. japonica, *Hort.*

J. mandshurica, *Maxim.*; Gard. Chron. 1888, iv. 384, f. 53. Amurland.

J. regia var. octogona, *Carr.*

J. nigra, *L.*; Sargent Silva of North America tt. 333, 334. North America. "Black Walnut."

J. Pitteursii, *Morr.*

Var. racemosa.

J. pyriformis, *Carr.* (not *Liebm.*). (nigra \times regia). Garden origin.

J. hybrida, *Hort.*

J. intermedia, *Lavallée.*

J. regia, *L.*; Loud. Encycl. of Trees and Shrubs 732, f. 1416. Caucasus and Armenia to Himalaya. "Common Walnut."

J. kumaonensis, *Hort.*

Var. barteriana, *Hort.*

J. regia—cont.

Var. laciniata, *Loud.*

J. filicifolia, *Lodd.*

J. heterophylla, *Hort.*

Var. maxima.

J. macrocarpa, *Hort.*

Var. monophylla.

Var. pendula.

Var. praeparturiens, *Hort.*

J. fertilis, *Hort.*

J. frutescens, *Hort.*

Var. racemosa.

Var. rubra, *Wien. Illustr. Gart.-Zeit.* 1898, t. 1.

J. rupestris, *Engelm.*; Sargent Silva of North America
t. 335. Western United States.

J. californica, *Rothrock* (not *S. Wats.*).

J. fruticosa, *Hort.*

J. sieboldiana, *Maxim.* Japan.

J. aillantifolia, *Carr.* *Rev. Hort.* 1878, 414, f. 86.

J. mandshurica var. *aillantifolia*, *Lavallée.*

J. macrophylla, *Hort.*

J. vilmoriniana, *Carr.* (? *nigra* × *regia*). Garden and
Forest 1891, 52, ff. 11, 12.

J. intermedia var. *vilmoriniana*, *Dippel.* Garden
origin.

Pterocarya caucasica, *C. A. Mey.*; *Gard. Chron.* 1894, xvi.
365, f. 47. Caucasus, &c.

P. dumosa, *Lavallée.*

P. fraxinifolia, *Spach*; *Lavall. Arbor. Segrez.* t. xxi.;
Gard. Chron. 1888, 380, f. 52.

Pterocarya caucasica—cont.

P. pterocarpa, *Kunth*.

P. spachiana, *Lavall. Arbor. Segrez. t. xx.*

Juglans fraxinifolia, *Poir. (not Lam.)*.

P. rhoifolia, *Sieb. & Zucc.*; *Flora Japonica t. 150. Japan.*

P. japonica, *Hort.*

P. sorbifolia, *Sieb. & Zucc.*

P. stenoptera, *C. DC.*; *Lavall. Arbor. Segrez. t. xix. China.*

P. chinensis, *Hort.*

P. laevigata, *Hort.*

P. sinensis, *Hort.*

Myricaceae.

Myrica asplenifolia, *L.* North America.

Comptonia asplenifolia, *Banks*; *Wata. Dendr. Brit. t. 166.*

M. Comptonia, *C. DC.*

Liquidambar asplenifolium, *L.*

M. californica, *Cham. & Schlecht.*; *Journ. Hort. Soc. vii. 283, f. California. "Californian Wax Myrtle."*

Gale californica, *Greene.*

M. carolinensis, *Mill.*; *Garden and Forest 1894, 477, t. 46. United States.*

M. pensylvanica, *Lam.*; *Nouv. Duham. ii. 190, t. 55.*

M. cerifera, *L.*; *Garden and Forest 1894, 476, f. 75. United States, &c. "Wax Myrtle."*

M. Gale, *L.*; *Engl. Bot. ed. 3, t. 1298. Northern Hemisphere. "Sweet Gale."*

Var. tomentosa.

Cupuliferae.

† BETULEAE.

Betula alba, L. Northern Hemisphere.

B. aetnensis, Raf.

B. gummifera, Bert.

B. odorata, Reichb. (not *Bechst.*).

B. pendula, Roth.

B. verrucosa, Ehrh. ; Engl. Bot. ed. 3, t. 1295.

Varieties of Subspecies.—I. Verrucosa.

Var. dalecarlica:

B. dalecarlica, L. f.

B. hybrida, Blom.

B. laciniata, Wahlenb.

B. lobulata, C. Anders.

Var. dentata viscosa.

Var. fastigiata, Hort.

Var. oycowiensis, Regel.

B. oycoviensis, Bess.

Var. pendula, Hort. “Weeping Birch.”

B. nigra pendula, Hort.

B. tristis, Hort.

Var. pendula nana, Hort.

Var. pendula Youngi, Hort. “Young’s Weeping Birch.”

Var. purpurea, Hort.

Var. pyramidalis, Hort.

B. pendula var. pyramidalis, Dippel.

Varieties of Subspecies.—II. Pubescens.

Betula alba—cont.

Var. **carpathica**, *C. Koch.*

(*pendula* × *pubescens* ? *Koehne*).

Var. **orenata nana**, *Hort.*

Var. **foliis aureis**, *Hort.*

Var. **latifolia**.

B. latifolia, *Tausch.*

Var. **Murithii**.

B. Murithii, *Gaud.* ; *Bull. Soc. Bot. Suisse* 1895,
Heft v. 16, f.

B. nigra, *Murith.*

Var. **pontica**, *Hort.* ; *Loud. Arb. Brit.* 838, f. 1527 ;
Wats. Dendr. Brit. t. 94.

Var. **pubescens**, *Loud.*

B. bella, *Hort.*

- *B. glutinosa*, *Wallr.*

B. odorata, *Bechst.*

B. pubescens, *Ehrh.*

Var. **Tauschii**, *Franch. & Savat.*

B. alba var. *japonica*, *Miq.*

Var. **turkestanica** *Fetisowi*, *Hort.*

Var. **undulata**, *Hort.*

Var. **urticifolia**, *Spach.*

B. heterophylla, *Hort.*

B. urticifolia, *Regel.*

B. virgultosa, *Fries.*

B. alba × **humilis**, *Zabel.* North Asia.

B. humilis var. *Zabelii*, *Dippel.*

B. alnoides, *Wall.* var. **pyrifolia**, *Franch.* Central China.

B. alpestris, *Fries*; *Flora Danica Suppl.* t. 37. North Europe.

B. humilis, *Hartm.* (not *Schrank*).

B. corylifolia, *Regel & Maxim.*; *Bot. Mag. Jap.* 1894, viii. t. 6, ff. 20–22. Japan.

B. davurica, *Pall.* *Flora Rossica* t. 39, f. a. North Asia, North America.

B. Ermani, *Cham.*; *Bot. Mag. Jap.* 1894, viii. t. 6, ff. 7–9. Japan.

B. fruticosa, *Pall.* *Flora Rossica* t. 40, ff. a, b, c. North Europe, North Asia.

Var. **Gmelini**, *Regel.*

B. divaricata, *Ledeb.*

B. Gmelini, *Bunge.*

B. globispica, *Shirai* *Bot. Mag. Jap.* viii. 1894, t. 6. Japan.

B. grossa, *Sieb & Zucc.*; *Shirasawa Iconogr. Ess. Forest. du Japon* t. 22. Japan.

B. humilis, *Schrank.* Northern Hemisphere.

B. fruticosa, *Wats.* *Dendr. Brit.* t. 154 (not *Pall.*).

B. oycowiensis, *Reichb.*

B. Socolowii, *Jacq. f.*

Var. **fastigiata**, *Hort.*

Var. **kamtschatica**, *Hort.*

Var. **Mansfieldi**, *Hort.*

Var. **quebecensis**.

B. quebecensis, *Burgsd.*

B. intermedia, *Thomas*; *Flora Danica* t. 2852. Alpine and Arctic Europe.

B. hybrida var. **Kochii**, *Regel.*

B. lenta, *L.* ; Wats. Dendr. Brit. t. 144 ; Sargent Silva of North America t. 448. North America. "Cherry Birch."

B. carpinifolia, *Ehrh.*

B. nigra, *Du Roi* (not *L.*).

B. lutea, *Michx.* ; Sargent Silva of North America t. 449. North America. "Yellow Birch."

B. excelsa, *Pursh.* (not *Ait.*).

B. lenta *var. lutea*, *Regel.*

B. persicifolia, *Hort.*

B. Maximowiczii, *Regel* ; Bot. Mag. Jap. viii. 1894, t. 6, ff. 36-8. Japan.

B. Medwediewi, *Regel* Gartenflora 1887, 384, f. Caucasus.

B. nana, *L.* ; Engl. Bot. ed. 3, t. 1297. Northern Hemisphere.

B. nigra, *L.* ; Wats. Dendr. Brit. t. 153 ; Sargent Silva of North America t. 452. United States. "Red Birch."

B. angulata, *Lodd.*

B. canescens, *Hort.*

B. flavescens, *Hort.*

B. lanulosa, *Michx.*

B. rubra, *Michx.*

B. occidentalis, *Hook.* ; Sargent Silva of North America t. 453. Western North America. "Black Birch."

B. alba *subsp. occidentalis*, *Regel.*

B. papyrifera, *Marsh.* ; Sargent Silva of North America t. 451. North America. "Paper Birch ; Canoe Birch."

B. alba *var. papyrifera*, *Spach.*

B. amygdalifolia, *Hort.*

B. cordifolia, *Regel.*

B. papyrifera—cont.

B. Ermani, *Rothrock* (not *Cham.*).

B. excelsa, *Ait.*

B. glandulosa, *Hort.* (not *Michx.*).

B. grandis, *Schrad.*

B. latifolia, *Hort.*

B. occidentalis, *Lyall* (not *Hook.*).

B. papyracea, *Dryand.* ; *Wats. Dendr. Brit.* t. 152.

B. platyphylla, *Hort.*

B. pyrifolia, *Hort.*

Var *occidentalis*, *Dippel.*

B. americana, *Hort.*

B. papyrifera × **pumila**. Garden origin.

B. populifolia, *Marsh.* ; *Sargent Silva of North America* t. 450 : *Wats. Dendr. Brit.* ii. t. 151. North America. "Gray Birch."

B. acuminata, *Ehrh.*

B. alba *var. populifolia*, *Spach.*

B. laciniata, *Hort.* (not *Wahlenb.*).

B. populifolia, *Ait.*

B. populifolia pendula, *Hort.*

B. pumila, *L.* ; *Wats. Dendr. Brit.* t. 97. North America. "Low Birch."

B. dahurica, *Hort.* (not *Pall.*).

B. fruticans, *Hort.* (not *Pall.*).

B. nana rotundifolia, *Hort.*

B. rotundifolia, *Hort.*

Var. *fastigiata*, *Hort.*

B. ulmifolia, *Sieb. & Zucc.* ; *Bot. Mag. Jap.* viii. 1894, t. 6, ff. 16–19. Japan, &c.

B. alba *var. costata*, *Hort.*

B. costata, *Trautv.*

B. utilis, *D. Don.* Himalaya, &c.

B. Bhojpattra, *Wall.*

B. Jacquemontii, *Spach.*

Alnus barbata, *C. A. Mey.* (not *Fries*). Caucasus.

A. glutinosa *var. acutifolia*, *Spach.*

A. glutinosa *var. barbata*, *Ledeb.*

A. cordifolia, *Tenore*; *Gard. Chron.* 1883, xix. 285, f. 42.
South Europe.

A. cordata, *Desf.*

A. macrocarpa, *Req.* (not *Lodd.*).

A. neapolitana, *Savi.*

A. rotundifolia, *Bert.*

Betula cordata, *Lois.*

A. firma, *Sieb. & Zucc.*; *Dippel Laubholzk.* ii. 147, f. 69.
Japan.

A. firma *var. multinervis*, *Hort.*

A. glutinosa, *Medic.*; *Engl. Bot.* ed. 3, t. 1294. Europe.
N. Africa, W. & N. Asia. "Common Alder."

A. nigra, *Gilib.*

A. sibirica, *Hort.* (not *Fisch.*).

Var. aurea, *Lemaire* *Ill. Hort.* 1866. t. 490.

Var. imperialis, *Hort.*

A. glutinosa *imperialis asplenifolia*, *Hort.*; *Ill.*
Hortic. 1859, 97, f.

A. imperialis, *Hort.*

Var. incisa, *Willd.*

A. glutinosa *var. oxyacanthaefolia*, *Spach*; *Loud.*
Encycl. Trees and Shrubs, 833, f. 1513.

A. oxyacanthaefolia, *Lodd.*

A. glutinosa—cont.

Var. *laciniata*, Willd.; Loud. Encycl. Trees and Shrubs 832, f. 1512.

A. *glutinosa* var. *pinnatifida*, Spach.

Var. *pyramidalis*, Hort.

A. *birkiana*, Hort.

Var. *quercifolia*, Willd.

A. *quercifolia*, Willd.

Var. *rubrinervia*, Hort.

Var. *sorbifolia*, Hort.

A. *incana*, Moench; Loud. Encycl. Trees and Shrubs 834, f. 1517. Northern temperate regions. "Speckled Alder."

A. *autumnalis*, Hort. (not Hartig).

A. *lanuginosa*, Gilib.

A. *maritima japonica viridis*, Hort.

A. *serrulata*, Hort. (not Willd.).

Var. *aurea*.

Var. *glauca*, Regel.

A. *glauca*, Michx.

A. *incana* var. *glabrescens*, Spach.

A. *incana* var. *tirolensis*, Saut.

Var. *hirsuta*.

A. *hirsuta*, Turcz.

Var. *incisa*, Hort.

A. *incana* *pinnatifida*, Hort.

Betula pinnata, Lundm.

Var. *monstrosa*, Späth.

Var. *pendula nova*, Hort.

Var. *ramulis coccineis*, Hort.

A. japonica, *Sieb. & Zucc.*; Garden and Forest 1893, 345, f. 53. Japan.,

A. firma, *Hort.* (not *Sieb. & Zucc.*).

A. glutinosa prunifolia, *Hort.*

A. Harinoki, *Siebold*.

A. maritima var. *japonica*, *Regel.*

A. maritima, *Nutt.*; Garden and Forest 1891, 269, f. 47. North America. "Seaside Alder."

A. oblongata, *Dippel*, *Laubholzk.* ii. 152, ff. 72-3.

A. nitida, *Endl.*; Brandis Forest Flora 461, t. 57; Bot. Mag. t. 7654. Western temperate Himalaya. "Gira."

Clethropsis nitida, *Spach.*

A. oregona, *Nutt.*; Sargent Silva of North America t. 454. Western North America.

A. incana var. *rubra*, *Regel.*

A. rhombifolia, *Hort.* (not *Nutt.*).

A. rubra, *Bongard.*

A. rugosa, *Hort.* (not *Ehrh.*).

A. tinctoria, *Hort.* (in part).

A. orientalis, *Decne.* Orient.

A. macrophylla, *Hort.* (in part).

Var. *pubescens.*

A. pubescens, *Tausch.* Europe.

A. autumnalis, *Hort.* (in part).

A. badensis, *Lange.*

A. barbata, *Fries* (not *C. A. Mey.*)

A. barbata var. *pubescens*, *Dippel.*

A. glutinosa × *incana.*

A. incano-glutinosa, *A. Braun.*

A. serrulata, *Hort.* (in part).

A. rhombifolia, *Nutt.*; Sargent Silva of North America t. 456. California, &c. "White Alder."

A. serrulata, *Willd.*; Dippel Laubholz. ii. 155, f. 75. North America. "Smooth Alder."

A. americana, *Hort.*

A. autumnalis, *Hartig.*

A. canadensis, *Lodd.*

A. fruticosa, *Hort.* (not *Rupr.*).

A. latifolia, *Desf.*

A. macrophylla, *Desf.*

A. rubra, *Desf.*

A. rugosa, *C. Koch*; Britt. & Br. Illustr. Fl. i. 512, f.

A. serrata, *Hort.*

Betula serrulata, *Ait.*

A. subcordata, *C. A. Mey.*; Dippel Laubholz. ii. 150, f. 70. Caucasus.

A. cordifolia var. *subcordata*, *Regel.*

A. macrophylla, *Hort.* (in part).

A. vilmoriniana, *Hort.*

A. tenuifolia, *Nutt.* Western North America.

A. occidentalis, *Dippel.*

Var. *Purpusi*, *Koehne.* Colorado.

A. incana virescens, *S. Wats.*

A. viridis, *DC.*; Loud. Encycl. Trees and Shrubs 836, f. 1521. Northern regions. "Mountain Elder."

A. Alnobetula, *C. Koch.*; Britt. & Br. Illustr. Fl. i. 512, f.

A. alpina, *Borckh.*

A. crispa, *Pursh.*

A. fruticosa, *Rupr.*

A. mitchelliana, *M. A. Curt.*

A. viridis—cont.

A. ovata, *Lodd.* Bot. Cab. t. 1141.

A. undulata, *Willd.*

Alnaster fruticosa, *Ledeb.*

A. viridis, *Spach.*

Betula Alnobetula, *Ehrh.*

B. crispa, *Ait.*

B. ovata, *Schrank* ; *Wats. Dendr. Brit.* t. 96.

B. viridis, *Chaix.*

Var. parvifolia, *Dippel.*

A. brembana, *Rota.*

• †† **CORYLEAE.**

Carpinus Betulus, *L.* ; *Engl. Bot. ed.* 3, t. 1293. Europe,
W. Asia. "Hornbeam."

Var. asplenifolia, *Hort.*

C. Betulus laciniata, *Hort.*

Var. Carpinizza.

C. Carpinizza, *Kit.*

Var. columnaris, *Hort.*

Var. incisa, *Ait.*

C. Betulus var. quercifolia, *Desf.*

C. Betulus var. heterophylla, *Hort.*

Ostrya quercifolia, *Hort.*

Var. marmorata, *Hort.*

Var. pendula, *Hort.*

Var. purpurea, *Hort.*

Var. pyramidalis, *Hort.*

Var. rubra, *Hort.*

Var. variegata, *Hort.*

C. caroliniana, *Walt.*; Sargent Silva of North America t. 447; Dippel Laubholzk. ii. 141, f. 66. North America. "American Hornbeam."

C. americana, *Michx.*; Wats. Dendr. Brit. t. 157.

C. virginiana, *Michx.* (not *Mill.*).

C. cordata, *Blume*; Garden & Forest viii. 295, f. Japan.

Distegocarpus cordata, *A.DC.*

Var. *chinensis*, *Franch.* Central China.

C. japonica, *Blume*. Japan.

C. Carpinus, *Sargent* Forest Flora of Japan f. 21.

Distegocarpus Carpinus, *Sieb. & Zucc.*

C. laxiflora, *Blume*; Shirasawa Iconogr. Ess. Forestières du Japon i. t. 25. Japan.

Var. *macrostachya*, *Oliver*. Central China.

C. orientalis, *Mill.*; Wats. Dendr. Brit. t. 98. South Europe, Orient.

C. duinensis, *Scop.*

C. Turczaninovii, *Hance*. China.

Ostryopsis davidiana, *Decne*; Dippel Laubholzk. ii. 136, f. 65. China, &c.

Ostrya carpinifolia, *Scop.*; Garden, 1877, xii. 372, f. S. Europe, Orient. "Hop Hornbeam."

O. italica, *Spach*.

O. vulgaris, *Willd.*; Wats. Dendr. Brit. t. 143.

Carpinus Ostrya, *L.*

O. japonica, *Sargent* Garden and Forest 1893, 384, f. Japan.

O. virginica, Willd. North America. "Ironwood."

O. virginiana, C. Koch; Sargent Silva of North America t. 445.

Carpinus triflora, Moench.

C. virginiana, Mill.

Corylus americana, Walt.; Dippel Laubholzk. ii. 131, f. 62.

Eastern North America.

C. calyculata, Dippel

C. cornuta, Hort.

C. humilis, Willd.

C. mexicana, Hort.

C. rostrata, Hort. in part (not *Ait.*).

C. virginiana, Hort.

C. virginica, Hort.

C. Avellana, L.; Engl. Bot. ed. 3, t. 1292. Europe West Asia, &c. "Common Hazel."

C. californica, Hort.

Var. **aurea.**

Var. **contorta, Hort.;** Gard. Chron. 1874, i. 115, f. 32.

Var. **heterophylla, Loud.**

C. heterophylla, Lodd.

C. laciniata, Hort.

C. urticaefolia, Hort.

Var. **pendula.**

Var. **prolifera, Hort.**

C. Colurna, L.; Wats. Dendr. Brit. t. 99. South-east Europe to Himalaya. "Constantinople Hazel."

C. arborea, Hort.

C. arborescens, Moench.

C. Colurna—cont.

C. bizantina, *Desf.*

C. Jacquemontii, *Decne.*

C. lacera, *Wall.*

C. ferox, *Wall.* var *tibetica*, *Franch.* Central and Western China.

C. heterophylla, *Fisch.* Japan, &c.

C. americana, *Siebold* (not *Walt.*).

C. Avellana, *Thunb.* (not *L.*).

C. Hasibani, *Siebold.*

C. sieboldiana, *Blume.*

C. tetraphylla, *Ledeb.*

C. Thunbergii, *Blume.*

C. mandshurica, *Maxim.* Amurland, Japan, &c.

C. Avellana var. *mandshurica*, *DC.*

C. maxima, *Mill.* South Europe, &c.

C. Avellana var. *rubra*, *Lam.*

C. Lamberti, *Lodd.*

C. pontica, *C. Koch.*

C. rubra, *Borkh.*

C. tubulosa, *Willd.*

Var. *alba.*

Var. *atropurpurea*, *Dippel.*

C. Avellana var. *atropurpurea*, *Hort.*

C. Avellana var. *purpurea*, *Loud.*

C. purpurea, *Lodd.*

C. tubulosa var. *atropurpurea.*

Var. *barcelonensis*, *Hort.*

C. Avellana var. *barcelonensis*, *Loud.*

C. Avellana var. *grandis*, *Hort.*

C. maxima—*cont.*

Var. *tenuis*, *Hort.*

C. *Avellana* var. *tenuis*, *Loud.*

C. rostrata, *Ait.*; Garden & Forest 1895, 345, f. 48.
North America.

C. *cornuta*, *Hort.* (in part).

††† QUERCINEAE.

Quercus acuta, *Thunb.*; Woods and Forests 1884, 88, f.
Japan. "Akakasi."

Q. *angustifolia*, *Hort.*

Q. *Buergerii*, *Blume.*

Q. *cuspidata latifolia*, *Hort.*

Q. *marginata*, *Blume.*

Var. *bambusaefolia*.

Q. *bambusaefolia*, *Mast.*

Q. Aegilops, *L.*; South Europe, Orient. "Valonia Oak."

Q. *graeca*, *Kotschy* Eichen t. 30.

Q. *ventricosa*, *Hort.*

Var. *macrolepis*, *Boiss.* Crete, Greece.

Q. *macrolepis*, *Kotschy* Eichen t. 16.

Var. *Pyrami*, *Boiss.*

Q. *Pyrami*, *Kotschy* Eichen t. 3.

Var. *Ungeri*, *Boiss.*

Q. *Ungeri*, *Kotschy* Eichen t. 13.

Q. *Vallonea*, *A. DC.*

Q. agrifolia, *Nee*; Sargent Silva of North America t. 403.
California. "Encina."

Q. *arcoglandis*, *Kellogg.*

Q. *berberidifolia*, *Liebm.*

Q. *oxyadenia*, *Torr.*

Q. alba, *L.*; Sargent Silva of North America tt. 356-7.
North America. "White Oak."

Q. alnifolia, *Poech*; Kotschy Eichen t. 6; Garden 1880,
xviii. 486, f. Cyprus. "Golden Cyprus Oak."

Q. Cypria, *Jaub. & Spach.* (not *Kotschy*).

Q. Ballota, *Desf.* Spain, Portugal. "Sweet Acorn Oak."

Q. cyclophylla, *Welw.*

Q. Ilex var. *Ballota*, *Dippel.*

Q. rotundifolia, *Lam.*

Q. bicolor, *Willd.* North America. "Swamp White Oak."

Q. bicolor var. *platanoides*, *A. DC.*

Q. castaneaefolia, *Hort.* (not *C. A. Mey.*).

Q. pandurata, *Hort.*

Q. pannosa, *Bosc.*

Q. platanoides, *Sudw.*; Sargent Silva of North America
tt. 380-1.

Q. Prinus var. *bicolor*, *Spach.*

Q. Prinus discolor, *Michx.* Hist. Arb. Am. ii. 46. t. 6.

Q. Prinus tomentosa, *Michx.* Hist. Chênes Am. t. 9.

Q. castaneaefolia, *C. A. Mey.*; Kotschy Eichen t. 40. Cau-
casus.

Q. Cerris, *L.*; Loud. Encycl. 855, ff. South and Eastern
Europe, Asia Minor, &c. "Turkey Oak."

Q. Aegilops, *Hort.* (not *L.*).

Q. appennina, *Hort.* (not *Lam.*).

Q. australis, *Hort* (not *Link*).

Q. carlsruhensis, *Hort.*

Q. crinita, *Lam.*

Q. dentata, *Hort.* (not *Thunb.*).

Q. haliphlaeos, *Bosc.*

Q. Pseudo-suber, *Hort.* (not *Desf.*).

Q. Cerris—cont.

Q. Ragnal, *Loud.*

Q. Tournefortii, *Willd.*

Var. **austriaca**, *Loud.* Arb. iii. 1848, f. 1708 ; *Encycl.* 857, f. 1559.

Q. austriaca, *Willd.* ; Kotschy Eichen t. 20.

Var. **cana major**, *Loud.* *Encycl.* Trees, 857, f. 1560.

Var. **cana minor**, *Hort.*

Var. **crispa**.

Q. Cerris lucombeana crispa.

Var. **fulhamensis**, *Loud.* Arb. iii. 1850 ; *Encycl.* Trees 858, f. 1561. "Fulham Oak."

Q. Cerris var. *dentata*, *Wats.* *Dendr. Brit.* t. 93 (not *Thunb.*).

Q. Cerris hybrida *dentata*, *Sweet.*

Q. Cerris var. *subperennis*, *A. DC.* (in part).

Var. **fulhamensis latifolia**, *Loud.*

Q. fulhamensis *macrophyllus*, *Hort.*

Var. **Hentzei**.

Var. **karlsruhensis**.

Var. **laciniata**, *Loud.* *Encycl.* Trees & Shrubs 856, f. 1558.

Q. asplenifolia, *Hort.*

Q. Cerris *dissecta*, *Hort.*

Q. Cerris *laciniosa*, *Hort.*

Q. heterophylla, *Hort.*

Var. **longifolia nova**, *Hort.*

Var. **variegata**, *Lodd.*

Q. Cerris *argentea*, *Hort.*

Q. Cerris *elegantissima*, *Hort.*

Q. chrysolepis, *Liebm.*; Sargent Silva of North America t. 398. Oregon, California. "Maul Oak."

Q. crassipocula, *Torr.*

Q. fulvescens, *Kellogg.*

Q. cinerea, *Michx.*; Dippel Laubholz k. ii. 105, f. 47. Southern United States. "Blue Jack."

Q. brevifolia, Sargent Silva of North America t. 431.

Q. humilis, *Walt.* (not *Lam.*).

Q. Phellos var. *brevifolia*, *Lamb.*

Q. Phellos var. *humilis*, *Pursh.*

Q. Phellos var. *sericea*, *Ait.*

Q. coccifera, *L.*; Hook. f. Trans. Linn. Soc. xxiii. t. 37; Laguna Flora Forestal Española t. 37. Mediterranean region. "Kermes Oak."

Q. kermesina, *Hort.*

Q. coccinea, *Muenchh.*; Sargent Silva of North America tt. 412-3. North America. "Scarlet Oak."

Q. repanda, *Hort.*

Q. conferta, *Kit.*; Gard. Chron. 1876, v. 85, f. 18; Kotschy Eichen t. 14. Italy to Hungary, &c.

Q. Aesculus, *Heuff.* (not *Boiss.*).

Q. Farnetto, *Tenore.*

Q. hungarica, *Hubeny*; Hempel & Wilhelm Die Bäume und Sträucher . . . t. 24.

Q. latifolia dentata, *Hort.*

Q. macranthera, *Hort.* (not *C. A. Mey.*),

Q. pannonica, *Hort.*

Q. sessiliflora var. *pannonica*, *Hort.*

Q. Tenorei, *Hort.*

Q. crispula, *Blume.* Japan. "Nara gasi."

Var. *grosseserrata*, *Franch. & Savat.*

Q. grosseserrata, *Blume.*

- Q. cuneata**, *Wangenh.* United States. "Spanish Oak."
 Q. digitata, *Sudw.*; Sargent Silva of North America.
 tt. 420-1.
 Q. discolor, *Spach.* (not *Ait.*).
 Q. elongata, *Willd.*
 Q. falcata, *Michx.*
 Q. hudsonica, *Hort.*
 Q. nigra var. *digitata*, *Marsh.*
 Q. triloba, *Michx.*
- Q. cuspidata**, *Thunb.*; Sieb. & Zucc. Fl. Jap. t. 2; Gard.
 Chron. 1879, 233, f. 38. Japan.
 Var. *variegata*. Gard. Chron. 1879, xii. 232, f. 38.
- Q. Dalechampii**, *Tenore.* South Europe.
 Q. Robur var. *Tenorei*, *A. DC.*
- Q. densiflora**, *Hook. & Arn.*; Sargent Silva of North
 America t. 438. Oregon, California. "Tan Bark
 Oak."
 Q. echinacea, *Torr.*
- Q. dentata**, *Thunb.*; Sargent Forest Flora of Japan t. 23.
 Japan. "Kashiwa."
 Q. Daimyo, *Hort.*
 Q. obovata, *Bunge.*
 Q. pannosa, *Hort.*
- Q. Douglasii**, *Hook & Arn.*; Sargent Silva of North
 America t. 386. California. "Blue Oak."
 Q. Ransomi, *Kellogg.*
- Q. Gambelii**, *Nutt.*; Sargent Silva of North America
 tt. 366-7. Colorado, &c. "Shin Oak."
 Q. undulata, *S. Wats.* (in part).
 Q. undulata var. *Gambelii*, *Engelm.*

Q. garryana, *Hook.*; Sargent Silva of North America
tt. 364-5. North-Western America.

Q. Gilberti, *Greene*.

Q. Jacobi, *R. Br. Campst.*

Q. Neaei, *Liebm.*

Q. georgiana, *M. A. Curt.*; Sargent Silva of North America
t. 425. Georgia.

Q. glabra, *Thunb.*; Sieb. & Zucc. Fl. Jap. t. 89; Gard.
Chron. 1880, xiv. 785, f. 153. Japan.

Q. latifolia, *Hort.*

Q. glandulifera, *Blume*; Shirasawa Iconogr. Ess. Forest.
du Japon t. 26, ff. 13-24. Japan. "Iodame."

Q. dentata Albertii, *Hort.*

Q. glauca, *Thunb.*; Shirasawa Iconogr. Ess. Forest. du
Japon t. 32, ff. 14-24. Japan. "Ara kasi."

Q. heterophylla, *Michx. f.*; Sargent Silva of North
America t. 436. United States.

Q. aquatica nana, *Hort.*

Q. Phellos × *velutina*.

Q. Ilex, *L.*; Wats. Dendr. Brit. t. 90. Mediterranean
region. "Holm Oak."

Q. pseudococcifera, *Hort.* (not *Desf.*).

Var. crispa, *Loud.*

Var. diversifolia, *Hort.*

Q. Cerris Lucombeana incisa, *Hort.*

Q. Fordii diversifolia, *Hort.*

Var. Fordii, *Hort.*

Var. Genabii, *Hort.*

Var. Gramuntia, *Hort.*

Q. Cookii, *Loud.*

Q. hispanica, *Cook.*

Q. Ilex—cont.

Var. *latifolia*, *Loud.* *Encycl. Trees* 881, f. 1610.

Q. *Ilex agrifolia*, *Hort.*

Q. *Ilex oblonga*, *Hort.*

Var. *macrophylla*, *Hort.*

Var. *rotundifolia*, *Hort.*

Var. *Smilax*, *Hort.*

Q. *ilicifolia*, *Wangenh.* Eastern United States. "Bear Oak."

Q. *Banisteri*, *Michx.*

Q. *discolor* var. *Banisteri*, *Spach.*

Q. *nana*, *Sargent Silva of North America* t. 424.

Q. *rubra* var. *nana*, *Marsh.*

Q. *imbricaria*, *Michx.*; *Sargent Silva of North America* t. 432. United States. "Shingle Oak."

Q. *Castanea*, *Hort.* (not *Née*).

Q. *laurifolia*, *Hort.* (not *Michx.*).

Q. *Phellos* var. *imbricaria*, *Spach.*

Q. *imbricaria* × *palustris*, *Engelm.* United States.

Q. *infectoria*, *Oliv.*; *Bentl. & Trim. Medicinal Plants* t. 249. South-Eastern Europe to Persia.

Q. *sericea*, *Hort.*

Var. *Cypri.*

Q. *Kelloggii*, *Newb.* Oregon and California.

Q. *californica*, *Cooper*; *Sargent Silva of North America* t. 416.

Q. *nigra* *Barroni*, *Hort.*

Q. *sonomensis*, *A. DC.*

Q. *tinctoria* var. *californica*, *Torr.*

Q. lanuginosa, Thuill. Europe, West Asia.Q. Aegilops, *Hort.* (not *L.*).Q. ajudaghensis, *Hort.*Q. alba de Rousseau, *Hort.*Q. apennina, *Guss.* (not *Lam.*).Q. budayana, *Haberl.*Q. collina, *Schleich.*Q. conglomerata, *Pers.*Q. cupaniana, *Guss.*Q. faginea, *Rohr.* (not *Lam.*).Q. hartwissiana, *Stev.*Q. Hentzei, *Hort.*Q. Pseudo-aegilops, *Hort.*Q. pubescens, *Willd.*; Hempel & Wilhelm *Die Bäume und Sträucher.* i. t. 23.Q. Robur *var.* lanuginosa, *Lam.*Q. sessiliflora *var.* pubescens, *Loud.*Q. Streimii, *Heuff.*Q. villosa, *Hort.***Var. dissecta.**Q. ajudaghensis dissecta, *Hort.***Var. pendula.****Q. laurifolia, Michx.**; Sargent *Silva of North America* tt. 429-30. Virginia to Louisiana.Q. aquatica *var.* laurifolia, *A. DC.*Q. laurifolia hybrida, *Michx.*Q. obtusa, *Pursh.*Q. Phellos *var.* laurifolia, *Chapm.***Q. leana, Nutt.** United States.Q. imbricaria \times coccinea, *Engelm.*Q. imbricaria \times velutina, *Sargent Silva of North America* t. 434.

Q. lanuginosa, *Thuill.* Europe, West Asia.

Q. *Aegilops*, *Hort.* (not *L.*).

Q. *ajudaghensis*, *Hort.*

Q. *alba* de Rousseau, *Hort.*

Q. *apennina*, *Guss.* (not *Lam.*).

Q. *budayana*, *Haberl.*

Q. *collina*, *Schleich.*

Q. *conglomerata*, *Pers.*

Q. *cupaniana*, *Guss.*

Q. *faginea*, *Rohr.* (not *Lam.*).

Q. *hartwissiana*, *Stev.*

Q. *Hentzei*, *Hort.*

Q. *Pseudo-aegilops*, *Hort.*

Q. *pubescens*, *Willd.*; Hempel & Wilhelm *Die Bäume und Sträucher*. i. t. 23.

Q. *Robur* var. *lanuginosa*, *Lam.*

Q. *sessiliflora* var. *pubescens*, *Loud.*

Q. *Streimii*, *Heuff.*

Q. *villosa*, *Hort.*

Var. *dissecta*.

Q. *ajudaghensis dissecta*, *Hort.*

Var. *pendula*.

Q. laurifolia, *Michx.*; Sargent *Silva of North America* tt. 429-30. Virginia to Louisiana.

Q. *aquatica* var. *laurifolia*, *A. DC.*

Q. *laurifolia hybrida*, *Michx.*

Q. *obtusa*, *Pursh.*

Q. *Phellos* var. *laurifolia*, *Chapm.*

Q. leana, *Nutt.* United States.

Q. *imbricaria* × *coccinea*, *Engelm.*

Q. *imbricaria* × *velutina*, *Sargent Silva of North America* t. 434.

Q. Libani, *Oliv.*; *Rev. Hortic.* 1872, 155, f. 18. Asia Minor.
"Lebanon Oak."

Q. Carduchorum, *Kotschy*.

Q. Libani var. *calliprinos*, *Kotschy*.

Var. *angustifolia*.

Var. *macrocarpa*.

Q. lobata, *Née*; *Sargent Silva of North America* t. 362.
California. "Valley Oak."

Q. Hindsii, *Benth.*

Q. longiglanda, *Frémont*.

Q. lucombeana, *Holw.* *Philosophical Transactions* 1772,
lxii. 306 (abridged edition); *Loud. Encycl. Trees*
858, f. 1562. "Lucombe Oak." ? *Cerris* × *Suber*.

Q. Cerris var. *subperennis*, *A. DC.* (in part).

Q. exoniensis, *Lodd.*

Q. nepaulensis, *Hort.* (not *Desf.*).

Q. Neumanni, *Hort.*

Q. serratifolia, *Hort. Batav.*

Q. lusitanica, *Lam.*; *Laguna Flora Forestal Española* t. 32.
South Europe, Asia Minor.

Q. australis, *Link.*

Q. esculenta, *Hort.*

Q. faginea, *Lam.*

Q. lusitanica, *Webb.* var. *Clusii*, *A. DC.*

Q. Valentina, *Lam.*

Var. *Boissieri*, *A. DC.*

Q. Boissieri, *Reut.*

Q. rigida, *C. Koch* (not *Willd.*).

Q. lyrata, *Walt.*; *Sargent Silva of North America* t. 374.
Southern United States. "Overcup Oak."

Q. macedonica, *A. DC.* Italy to Macedonia, &c.

Q. Aesculus, *Griseb.* (not *L.*).

Q. trojana, *Webb.*

Q. macranthera, *Fisch. & Mey.*; Dippel *Laubholz*. ii. 72, f. 28. Armenia, &c.

Q. macrocarpa, *Michx.*; Sargent *Silva of North America* tt. 371-3. North America. "Burr Oak."

Q. macrophylla, *Hort.*

Q. ramosa, *Booth.*

Var. *olivaeformis*, *A. Gray.*

Q. olivaeformis, *Michx.*

Q. paludosa, *Hort.*

Q. macrocarpa × *Muehlenbergii*. United States.

Q. marilandica, *Muenchh.*; Sargent *Silva of North America* tt. 426-7. United States. "Black Jack."

Q. ferruginea, *Michx.*

Q. nigra, *Wangenh.* (not *L.*).

Q. Michauxii, *Nutt.*; Sargent *Silva of North America* tt. 382-3. Southern United States. "Cow Oak."

Q. bicolor, *A. DC.* (in part).

Q. bicolor subsp. Michauxii, *Engelm.*

Q. Prinus, *Walt.* (not *L.*).

Q. Prinus var. discolor, *Curtis.*

Q. Prinus var. Michauxii, *Chapm.*

Q. Prinus palustris, *Michx.*; Loud. *Arb. Brit.* iii. 1872, f. 1735.

Q. Mirbeckii, *Dur.*; *Revue Generale de Botanique* iv. t. 1-3. Spain, Portugal and North Africa.

Q. grossedentata, *Hort.*

Q. Mirbeckii—cont.

Q. lusitanica var. *baetica*, *Webb*.

Q. Mierbeckii, *Dippel*.

Q. ventricosa, *Hort*.

Q. Zang, *Hort*.

Q. mongolica, *Fisch.*; *Dippel Laubholzk.* ii. 82, f. 33.
Mandshuria, &c.

Q. Muehlenbergii, *Engelm.* United States. "Yellow Oak ;
Yellow Chestnut Oak."

Q. acuminata, *Sargent Silva of North America* t. 337.

Q. Prinus var. *acuminata*, *Michx.*

Q. nigra, *L.*; *Sargent Silva of North America* t. 428.
Southern United States. "Water Oak."

Q. aquatica, *Walt.*

Q. hemisphaerica, *Willd.*

Q. nigra var. *aquatica*, *Lam.*

Q. nigra var. *trifida*, *Marsh.*

Q. uliginosa, *Wangenh.*

Q. palustris, *Muenchh.*; *Sargent Silva of North America*
tt. 422-3. United States. "Pin Oak."

Q. rubra var. *dissecta*, *Lam.*

Q. rubra var. *ramosissima*, *Marsh.*

Var. *pendula*.

Q. pedunculata, *Ehrh.*; *Engl. Bot. ed. 3, t. 1288.* Europe,
Asia. "Common Oak."

Q. fructipendula, *Schrank.*

Q. germanica, *Lasch.*

Q. longaeva, *Salisb.*

Q. malacophylla, *Schultz.*

Q. racemosa, *Lam.*

Q. Robur var. *pedunculata*.

Q. pedunculata—cont.

Var. *aurea leucocarpa*, *Hort.*

Var. *brutia*.

Q. *brutia*, *Tenore Flora Napolitana* t. 197.

Var. *columnaris*, *Hort.*

Var. *compacta*, *Hort.*

Var. *Concordia*, *Lem. Illustr. Hortic.* xiv. t. 537.

Q. *foliis aureis*, *Hort.*

Var. *fastigiata*, *DC.*; *Gard. Chron.* 1883, xix. 179, f. 26.
"Cypress Oak."

Q. *cupressoides*, *Hort.*

Q. *fastigiata*, *Lam.*

Q. *pyramidalis*, *Gmel.*

Var. *fastigiata cucullata*, *Hort.*

Var. *fastigiata excelsa*, *Hort.*

Var. *fastigiata Grangei*, *Hort.*

Var. *fastigiata oxyacanthifolia*, *Hort.*

Var. *fastigiata tortuosa*, *Hort.*

Var. *fastigiata variegata*, *Hort.*

Q. *fastigiata foliis punctatis*, *Hort.*

Var. *fastigiata viridis*, *Hort.*

Var. *flicifolia*, *Lem. Illustr. Hortic.* 1854, f. "Fern-leaved Oak."

Q. *asplenifolia*, *Hort.*

Q. *pectinata*, *Hort.*

Q. *pinnata*, *Hort.*

Q. *taraxacifolia*, *Hort.*

Var. *granbyana*, *Hort.*

C. pedunculata—cont.**Var. Haas, A. DC.**

Q. Haas, *Kotschy Eichen*, t. 2.

Var. heterophylla, Loud. Arb. Brit. iii. 1732, ff. 1569–71.

Q. comptoniaefolia, *Hort.*

Q. dissecta, *Hort.*

Q. diversifolia cucullata, *Hort.*

Q. Fenessi, *Hort.*

Q. Fenzleyi, *Hort.*

Q. Hentzii, *Hort.*

Q. incisa, *Hort.*

Q. laciniata, *Hort.*

Q. pedunculata Hodginsii, *Hort.*

Q. salicifolia, *Hort.*

Q. Tenorei, *Hort.*

Var. latifolia, Hort.**Var. pendula, Loud. Arb. Brit. iii. 1732. “Weeping Oak.”**

Q. Dauvessei, *Hort.*

Q. horizontalis, *Hort.*

Q. pendula, *Lodd.*

Q. pendula nova, *Hort.*

Var. purpurascens, DC.

Q. atropurpurea, *Hort.*

Q. atrosanguinea, *Hort.*

Q. cuprea, *Hort.*

Q. europaea purpurea, *Hort.*

Q. nigra purpurea, *Hort.*

Q. pedunculata nigra, *Hort.*

Q. pedunculata var. purpurea, *Loud.*

Q. pedunculata—cont.

Q. pedunculata *var. sanguinea*, *Bechst.*

Q. Robur nigra, *Flore des Serres* t. 1783.

Q. Robur nigricans, *Hort.*

Var. scolopendrifolia, *Hort.*

Var. Thomasii, *Tenore.*

Q. Robur *var. Thomasii*, *A. DC.*

Var. toureauensis, *Hort.*

Var. Trinessi, *Hort.*

Var. umbraculifera, *Hort.*

Var. umbraculifera Ligini.

Var. variegata, *Hort.*

Q. elegantissima, *Hort.*

Q. Phellos, *L.*; *Sargent Silva of North America* t. 435.
United States. "Willow Oak."

Q. Robur microcarpa, *Hort.*

Q. salicifolia, *Hort.* (not *Née.*).

Q. phillyraeoides, *A. Gray*; *Shirasawa Iconogr. Essen.*
Forest. du Japon t. 31, ff. 1-12. Japan.

Q. rotunda, *Hort.*

Var. crispa, *Hort.*

Q. pontica, *C. Koch*; *Gartenflora*, 1891, 510, f. 95. Lazistan.

Q. prinoides, *Willd.*; *Sargent Silva of North America* t. 378.
United States. "Chincapin Oak."

Q. Chinquapin, *Pursh.*

Q. Muehlenbergii *var. humilis*, *Britton.*

Q. Prinus Chincapin, *Michx.* *Hist. Arb. Am.* ii. 64,
t. 10.

Q. Prinus *var. humilis*, *Marsh.*

Q. Prinus, L. ; Sargent Silva of North America tt. 375-6.
Eastern North America. "Chestnut Oak."

Q. bicolor, Hort.

Q. Castanea, Hort. (not Née.).

Q. castaneaefolia, Hort. (not C. A. Mey.).

Q. montana, Willd.

Q. monticola, Petz. & Kirchn.

Q. sericea, Hort.

Q. Pseudo-suber, Santi ; Hempel & Wilhelm Die Bäume
und Sträucher des Waldes ii. 82, f. 175. South
Europe.

Q. Fontanesii, Guss.

Q. hispanica, Lam.

Q. pumila, Walt. ; Sargent Silva of North America
t. 404. North Carolina to Florida. "Running
Oak."

Q. cinerea var. pumila, Curtis.

Q. Phellos var. nana, A. DC.

Q. Phellos var. pumila, Dippel.

Q. sericea, Willd.

***Q. reticulata, Humb. & Bonpl. ;** Sargent Silva of North
America t. 390. Mexico, Arizona, &c.

Q. rubra, L. ; Sargent Silva of North America tt. 409-10.
North America. "Red Oak."

Q. ambigua, Michx.

Q. borealis, Hort.

Q. coccinea, Hort. (not L.).

Q. coccinea var. ambigua, A. Gray.

Q. coccinea var. macrophylla, Hort.

Q. grayana, Hort.

Q. triloba, Hort.

Var. aurea, Dippel.

Q. americana aurea, Hort.

Q. rubra—cont.

Var. *longifolia*, *Hort.*

Var. *palustrifolia*, *Hort.*

Var. *pendula*.

Q. *coccinea pendula*, *Hort.*

Var. *Schrefeldii*, *Dippel.*

Q. serrata, *Thunb.*; *Dippel Laubholzk.* ii. 101, f. 44.
China, Japan, &c.

Q. *Bombyx tomentosa*, *Hort.*

Q. *chinensis*, *Bunge.*

Var. *pendula*.

Q. sessiliflora, *Salisb.*; *Engl. Bot.* ed. 3, t. 1289. Europe,
W. Asia.

Q. *acuminata*, *Hort.*

Q. *aurea*, *Wiersb.*

Q. *condensata*, *Schur.*

Q. *pallida*, *Heuff.*

Q. *pedemontana*, *Colla.*

Q. *rubens*, *Hort.*

Q. *sinuata*, *Hort.*

Q. *Turneri*, *Hort.* (not *Willd.*).

Var. *afghanistanensis*, *Hort.*

Var. *alnoides*, *Hort.*

Var. *cochleata*, *Hort.*

Var. *devoniana*, *Hort.*

Var. *dschorochensis*.

Q. *dschorochensis*, *C. Koch.*

Var. *falkenbergensis*, *Hort.*

Var. *geltoviana*, *Hort.*

Q. Toza—cont.

Q. Camata, Hort.

Q. lanata, Hort. (not Sm.).

Q. pubescens, Brot. (not Willd.).

Q. pyrenaica, Willd.

Q. ramosa, Hort.

Q. stolonifera, Lapeyr.

Q. Tauzin, Pers.

Var. splendens, Hort.

**Q. Turneri, Willd. Garden Origin. Ilex × pedunculata
or Cerris ?**

Q. austriaca hybrida, Hort.

Q. austriaca sempervirens, Hort.

Q. austriaca splendens, Hort.

Q. Cerris austriaca sempervirens, Hort.

*Q. glandulifera, Mast. Gard. Chron. 1880, xiv. 714, f.
134 (not Blume.).*

Q. hybrida, Hort.

Q. sclerophylla, Hort. (not Lindl. & Pax.).

Q. sempervirens, Hort.

**Q. undulata, Torr.; Sargent Silva of North America t.
385. Western North America. "Scrub Oak."**

Q. Emoryi, Porter & Coulter (not Torr.).

Q. Fendleri, Liebm.

Q. grisea, Liebm.

Q. oblongifolia, Torr.

Q. pungens, Liebm.

**Q. variabilis, Blume; Shirasawa Iconogr. Ess. Forest. du
Japan t. 28. Japan.**

1

1. *Chlorophyll a* (Chl *a*)

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

11. The following table shows the number of people who have been convicted of a crime in the United States since 1970, by race and sex. The data are from the U.S. Department of Justice, Bureau of the Census, and the U.S. Department of Education, Office of Education.

Q. velutina, *Lam.*; Sargent Silva of North America tt. 414, 415. North America. "Yellow Bark Oak."

Q. coccinea var. tinctoria, *A.DC.*

Q. discolor, *Ait.*

Q. flaccida, *Hort.*

Q. nigra, *Du Roi* (not *L.*).

Q. sericifolia, *Hort.*

Q. tinctoria, *Michx.*

Q. vibrayana, *Franch & Savat.* Japan.

Q. bambusaefolia, *Fortune* (not *Hance*).

Q. virginiana, *Miller*; Sargent Silva of North America tt. 394-6. Southern United States.

Q. sempervirens, *Walter* (not *Miller.*).

Q. virens, *Ait.*

Var. angustifolia.

Var. rubrifolia.

Q. Wislizeni, *A.DC.*; Sargent Silva of North America t. 406. California.

Castanopsis chrysophylla, *A.DC.*; Sargent Silva of North America t. 439. California and Oregon. "Golden-leaved Chestnut."

Castanea chrysophylla, *Hook.* Bot. Mag. t. 4953.

C. sempervirens, *Kellogg.*

Castanea crenata, *Sieb. & Zucc.*; Dippel Laubholzk. ii. 56, f. 23. Japan. "Japanese Chestnut."

C. chinensis, *Hassk.* (not *Spreng.*).

C. pumila, *Hassk.* (not *Mill.*).

C. stricta, *Sieb. & Zucc.*

C. japonica, *Blume.*

C. vulgaris var. japonica, *A.DC.*

C. dentata, *Borkh.*; Sargent Silva of North America tt. 440, 441. North America. "American Chestnut."

C. americana, *Rafin.*

C. sativa var. *americana*, *Sargent.*

C. vesca var. *americana*, *Michx.*

C. vulgaris var. *americana*, *A.DC.*

C. pumila, *Mill.*; Sargent Silva of North America tt. 442-3; Loud. Encycl. Trees 914, ff. 1707-8. Southern Pennsylvania to Northern Florida. "Chinquapin."

Fagus pumila, *L.*

C. sativa, *Mill.* South Europe, North Africa, Orient. "Sweet Chestnut."

C. vesca, *Gaertn.*; Loud. Encycl. Trees 913, f. 1706.

C. vulgaris, *Lam.*

Var. *albo-marginata*, *Hort.*

Var. *asplenifolia*, *Hort.*

Var. *aureo-marginata*, *Hort.*

Var. *crispa*, *Hort.*

Var. *downtoniana*, *Hort.*

Var. *filipendula*, *Hort.*

Var. *glaberrima*, *Hort.*

Var. *heterophylla*, *Hort.*

Var. *heterophylla dissecta*, *Hort.*

Var. *laciniata*, *Hort.*

Var. *maculata*, *Hort.*

Var. *monstrosa*, *Dippel.*

C. bullata, *Hort.*

C. cochleata, *Hort.*

C. cucullata, *Hort.*

C. sativa—cont.

Var. *Moorei*, *Hort.*

Var. *prolifera*, *C. Koch.*

Var. *pyramidalis*, *Hort.*

Fagus ferruginea, *Ait.*; Dippel Laubholzk. ii. 53, f. 22.
North America. "American Beech."

F. americana, *Sweet*; Sargent Silva of North America
t. 344.

F. atropunicea, *Sudworth.*

F. caroliniana, *Loud.*

F. nigra, *Rafin.*

F. rotundifolia, *Rafin.*

Var. *latifolia*, *Hort.*

Var. *macrophylla*, *Hort.*

F. sylvatica, *L.*; Engl. Bot. ed. 3, t. 1291. Europe, Asia
Minor, &c. "Common Beech."

Var. *asiatica.*

Var. *atropurpurea*, *Hort.*

Var. *aurea Spæthii*, *Hort.*

Var. *aureo-variegata*, *Hort.*

Var. *castaneaefolia*, *Hort.*

Var. *cochleata*, *Hort.*

F. ferruginea cochleata, *Hort.*

Var. *conglomerata*, *Hort.*

Var. *cristata*, *Lodd.*; Loud. Encycl. Trees 906, f. 1694.

F. sylvatica crispa, *Hort.*

Var. *cuprea*, *Lodd.* "Copper Beech."

Var. *grandidentata*, *Hort.*

F. sylvatica—cont.

Var. heterophylla, *Loud.* *Encycl. Trees* 906, ff. 1692–3.

F. comptoniaefolia, *Hort.*

F. incisa, *Hort.*

F. laciniata, *Hort.*

F. salicifolia, *Hort.*

F. sylvatica asplenifolia, *Lodd.*

Var. macrophylla, *Hort.*

F. latifolia, *Hort.*

F. monstrosa latifolia, *Hort.*

Var. miltonensis, *Hort.*

Var. nana pendula, *Hort.*

Var. nigra, *Hort.*

Var. norwegiensis, *Hort.*

Var. pagnyensis, *Hort.*

Var. pendula, *Lodd.*

Var. pendula bornyensis, *Hort.*

Var. purpurea, *Ait.* “Purple Beech.”

Var. purpurea major, *Hort.*

Var. purpurea nova, *Hort.*

Var. purpurea pendula, *Hort.* “Weeping Purple Beech.”

Var. quercoides, *Pers.*

F. quercifolia, *Hort.*

Var. remillyensis, *Hort.*

Var. retroflexa, *Hort.*

Var. Sieboldii, *Maxim.*; Shirasawa *Iconogr. Essen.*
Forest. du Japon t. 25. Japan.

F. Sieboldii, *Endl.*

F. sylvatica—cont.

Var. *tortuosa*, *Hort.*

Var. *tricolor*, *Hort.*

Var. *undulata*, *Hort.*

Var. *variegata*, *Hort.*

Var. *Zlatia*, *Spaeth.* "Golden Beech."

Salicaceae.

Salix adenophylla, *Hook.*; Kong. Svensk. Vet.-Akad. Handl. vi. t. 8, f. 95. Labrador.

S. alba, *L.*; Eng. Bot. ed. 3, t. 1309. Europe, Asia, North Africa. "White Willow."

Var. *argentea*.

S. alba leucophylla, *Hort.*

S. argentea, *Wimm.*

S. leucophylla, *Hort.*

S. regalis, *Hort.*

S. splendens, *Bray.*

Var. *britzensis*, *Spaeth.*

Var. *caerulea* *Syme* Eng. Bot. ed. 3, t. 1310.

S. caerulea, *Sm.*

Var. *caerulea pendula*.

Var. *vitellina*, *W. Koch*; Eng. Bot. ed. 3, t. 1311

S. vitellina, *L.*

Var. *vitellina pendula nova*.

S. alpigena, *Kern.* Tyrol, &c.

S. ambigua, *Ehrh.* ; Eng. Bot. ed. 3, t. 1355. Europe.

S. repens × *aurita*.

S. spathulata, *Willd.*

S. versifolia, *Wahlenb.*

S. angustifolia, *Willd.* (not *Wulf.*). Caucasus, North Asia.

S. Arbuscula, *L.* ; Kong. Svensk. Vet.-Akad. Handl. vi. t. vii. f. 80. Europe, North Asia.

S. carinata, *Sm.*

Var. *prunifolia*, *Syme* Eng. Bot. ed. 3, t. 1372.

S. prunifolia, *Sm.* Eng. Bot. t. 1361.

S. arctica, *Pall.* ; Flora Danica t. 2488. Arctic regions.

S. aurita *L.* ; Forbes Salict. Woburn. t. 124. Europe, North Asia.

S. aurita-incana, *Wimm.* Europe.

S. reticulata, *Hort.* (not *L.*).

S. aurita-Lapponum. Europe.

S. Lapponum × *aurita*.

S. aurita × *Myrsinites*. Europe.

S. saxetana, *F. B. White.*

S. aurita × *phylicifolia*. ♂. Europe.

S. aurita × *repens*. Europe.

S. aurita × *viminalis*. Europe.

S. fruticosa, *Doell.*

S. babylonica, *L.* ; Forbes Salict. Woburn. t. 22. Japan.
"Weeping Willow."

S. japonica, *Blume* (not *Thunb.*).

S. neapolitana, *Hort.*

S. babylonica—cont.

S. pendula, *Moench*.

S. perpendens, *Ser*

S. riparia, *Hort.* (not *Willd.*).

Var. annularis.

S. annularis, *Forbes Salict. Woburn. t. 21.*

S. crispa, *Hort.*

Var. ramulis aureis.**Var. Salamoni, Hort.**

S. caesia, *Vill.* Mountains of Switzerland, Tyrol, and South-western Europe.

S. myrtilloides, *Forbes Salict. Woburn. t. 66* (not *L.*).

S. prostrata, *Ehrh.*

S. Zabeli pendula, *Hort.*

S. candida, *Fluegge*; *Forbes Salict. Woburn. t. 91.* North America. "Sage Willow."

S. incana, *Michx.* (not *Schrank*).

S. nivea, *Sm.*

S. tomentosa, *Schrad.*

S. Caprea, *L.*; *Forbes Salict. Woburn. t. 122*; *Eng. Bot. ed. 3, t. 1331.* Europe, North Asia. "Common Sallow, Goat Willow."

S. aurigerana, *Lapeyr.*

S. hybrida, *Vill.*

S. tomentosa, *Ser.*

S. ulmifolia, *Thuill.*

Var. pendula, Hort.

S. Kilmarnocki, *Hort.*

S. Caprea × cinerea. Europe.

S. moschata, *Hort.*

S. Reichardt, *Kern.*

S. cernua, *Linton*. Europe.

S. herbacea × *repens*.

S. cinerea, *L.*; Eng. Bot. ed. 3, t. 1327. Europe, North and West Asia.

S. acuminata, *Hoffm.*

S. dumetorum, *Suter*.

S. oleifolia, *Sm.* (not *Vill.*).

S. polymorpha, *Host*.

S. rufinervis, *DC.*

Var. *aquatica*, *Syme* Eng. Bot. ed. 3, t. 1328.

S. aquatica, *Sm.*

Var. *Medemii*, *Boiss.*

S. Medemii, *Boiss.*

Var. *tricolor*, *Dippel*.

S. Caprea tricolor, *Hort.*

S. cinerea-repens, *Wimm.* Europe.

S. repens × *cinerea*.

S. commutata, *Bebb.* North-western United States.

S. Hookeriana, *Hort.* (not *Barratt*).

S. cordata, *Muhl.*; Dippel Laubholzk. ii. 283, f. 134.
Northern and Arctic America.

Var. *glaucophylla*, *Bebb.*

Var. *rigida*, *Anderss.*

S. cordata-rigida, *A. Gray.*

S. myricoides, *Muhl.*

S. rigida, *Willd.*

Var. *sericea*, *Anderss.*

Var. *vestita*, *Anderss.*

- S. coriacea**, *Forbes* Salict. Woburn. t. 112. Europe.
S. nigricans × *aurita*.
- S. Cotteti**, *Lagg.* Tyrol.
S. retusa var. *nigrescens*, *Kern.*
- S. cuspidata**, *Schultz.*; Dippel Laubholzk. ii. 216, f. 109.
 Europe.
S. fragilis-pentandra, *Weinm.*
S. Meyeriana, *Rostkov.*; *Forbes* Salict. Woburn. t. 33.
S. pentandra-fragilis, *Wimm.*
S. Pockorny, *Kern.*
- S. daphnoides**, *Vill.*; *Flora Danica* t. 2919. Europe, &c.
 "Violet Willow."
S. aglaia, *Hort.*
S. bigemmis, *Hoffm.*
S. glauca, *Hort.* (not *L.*).
S. jaspidea, *Hort.*
S. pomeranica, *Willd.*
S. praecox, *Hoppe*; *Forbes* Salict. Woburn. t. 26.
- Var. **acutifolia**, *Anderss.*
S. acutifolia, *Willd.*
S. caspica, *Hort.*
S. daphnoides var. *angustifolia*, *Weinm.*
S. pruinosa, *Wendl.*
S. violacea, *Forbes* Salict. Woburn. t. 25.
- S. decipiens**, *Hoffm.*; *Forbes* Salict. Woburn. t. 29. Europe.
S. fragilis var. *decipiens*, *Koch.*
S. triandra × *fragilis*, *F. B. White.*
- S. discolor**, *Muhl.*; *Sargent Silva of North America* t. 478.
 North America.
S. sensitiva, *Barratt.*

S. doniana, *Sm.* Engl. Bot. t. 2559. Europe.

S. parviflora, *Host.*

S. purpurea-repens, *Wimm.*

S. repens-purpurea, *Weinm.*

S. elegantissima, *C. Koch*; *Semaine Horticole* 1898, 363.
Origin uncertain.

S. americana pendula, *Hort.*

S. babylonica femina, *Hort.*

S. fragili-babylonica, *Regel.*

S. sibirica, *Hort. aliq.*

S. Sieboldi, *Hort.*

S. Erdingeri, *Kerner* (*Caprea* × *daphnoides*). Europe.

S. fragilis, *L.*; Engl. Bot. ed. 3, t. 1306. Europe, N. and W.
Asia. "Crack Willow."

S. bigemmis, *Hort.* (not *Hoffm.*).

S. cerasifera, *Hort.* (not *Schleich.*).

S. conformis, *Hort.*

S. mascula, *Hort.*

S. meyeriana, *Willd.*

S. monandra, *Hort.* (not *Hoffm.*).

S. russelliana, *Sm.*

S. serrulata, *Hort.* (not *Willd.*).

S. silesiaca, *Hort.* (not *Willd.*).

Var. *basfordiana*.

S. basfordiana, *Salter Gard. Chron.* 1882, xvii. 298,
ff. 41-2.

S. sanguinea, *Scaling.*

Var. *latifolia*, *Anderss.*

S. ammaniana, *Hort.* (not *Willd.*).

S. excelsa, *Tausch.*

S. monspeliensis, *Forbes Salict. Woburn.* t. 30.

S. glauca, *L.* (not *Sm.*). Alpine and Arctic regions of northern hemisphere.

S. sericea, *Forbes* Salict. Woburn. t. 74.

S. gracilistyla, *Miq.* Japan.

S. mutabilis, *Hort.*

S. Grahami, *Borr.*; Engl. Bot. ed. 3, t. 1377. Scotland.

S. herbacea × *phylicifolia* ?

S. hastata, *L.*; Forbes Salict. Woburn. t. 35. Mountains of Europe and N. Asia.

S. cerasifolia, *Schleich.*

S. elegans, *Host.*

S. eriantha, *Schleich.*

S. malifolia, *Sm.*; Forbes Salict. Woburn. t. 36.

S. Pontederæ, *Vill.*

S. pontederana, *Loisel.* (not *Willd.*).

S. serrulata, *Willd.*

S. viburnoides, *Schleich.*

S. herbacea, *L.*; Eng. Bot. ed. 3, t. 1378. Mountains of northern hemisphere.

S. herbacea × *lanata*. Europe.

S. hexandra, *Ehrh.*; Kong. Svensk. Vet.-Akad. Handl. iii. f. 27. Europe.

S. pentandra × *alba*.

S. hippophaifolia, *Thuill.*; Coss. Flore de Paris t. 28, f. Europe.

S. alba *var.* *hippophaifolia*, *Ser.*

S. multiformis, *Doell. var.* *hippophaifolia*, *Anderss.*

S. triandra-viminalis, *Wimm.*

S. virescens, *Forbes* (not *Vill.*); Loud. Arb. Brit. iii. 1531.

S. hookeriana, *Barratt*; Sargent Silva t. 485; Dippel Laubholzk. ii. 303, f. 142. N. America.

S. humilis, *Marsh.*; Dippel Laubholzk. ii. 268, f. 128. N. America. "Prairie Willow."

S. conifera, *Muhl.*

S. muehlenbergiana, *Barratt.*

S. recurvata, *Pursh.*

S. incana, *Schrank*; Forbes Salict. Woburn. t. 90. Europe.

S. angustifolia, *Poir.*

S. cyllenea, *Boiss.*

S. Elaeagnos, *Scop.*

S. lavandulaefolia, *Lapeyr.*

S. linearis, *Forbes* Salict. Woburn. t. 89.

S. Reginae, *Hort.*

S. riparia, *Willd.*

S. rosmarinifolia, *Gouan* (not *L.*).

S. viminalis, *Balb.* (not *L.*).

S. japonica, *Thunb.* Japan.

S. babylonica var. *japonica*, *Anderss.*

Var. *Lavalléi*.

S. lanata, *L.*; Forbes Salict. Woburn. t. 71; Engl. Bot. ed. 3, t. 1367. Northern and Arctic Europe, &c.

S. chrysantha, *Vahl.*

S. lanuginosa, *Pall.*

S. Lapponum, *L.*; Forbes Salict. Woburn. t. 73. Mountains of Europe and N. Asia.

S. arenaria, *Willd.*

S. elaeagnifolia, *Forbes* Salict. Woburn. t. 69.

S. glauca, *Sm.* Engl. Bot. t. 1810.

S. glaucophylla, *Bess.*

S. Lapponum—cont.

S. lactea, *Bray*.

S. leucophylla, *Willd.*

S. limosa, *Wahlenb.*

S. nitens, *Gilib.*

S. sudetica, *Host.*

S. stuartiana, *Forbes* *Salict. Woburn. t. 72.*

Var. helvetica, *F. B. White.*

S. helvetica, *Vill.*

S. nivea, *Ser.*

S. tomentosa, *Hort.* (not *Schrad.*).

S. Lapponum-phylicifolia, *Linton.* Europe.

S. lasiandra, *Benth.*; *Sargent Silva of North America t. 469.*
Western United States.

S. arguta *var. lasiandra*, *Anderss.*

S. hoffmanniana, *Hook. & Arn.* (not *Sm.*).

S. laurina, *Sm.*; *Engl. Bot. ed. 3, t. 1333.* Europe.

S. bicolor, *Sm. Engl. Bot. t. 1806.*

S. bicolor × *Caprea*?

S. discolor, *Hort.* (not *Muhl.*).

S. phylicifolia × *Caprea*?

S. lutescens, *Kern.* Europe.

S. aurita-cinerea, *Wimm.*

S. multinervis, *Doell.*

S. lucida, *Muhl.*; *Sargent Silva of North America t. 473*;
Loud. Arb. Brit. iii. 1504, f. 1301. North America.
"Shining Willow."

S. myricoides, *Hort.* (not *Muhl.*).

S. Myrsinites, *L.*; *Engl. Bot. ed. 3, t. 1375*; *Flora Danica*
t. 1054. Northern hemisphere.

S. alpina, *Scop.*

S. nigra—cont.

S. flavo-virens, *Hornem.*

S. houstoniana, *Pursh.*

S. ligustrina, *Michx. f.*

Var. falcata.

S. nigricans, *Sm.* Alps of North and Central Europe.

S. phylicifolia var. *nigricans*, *F. B. White.*

Var andersoniana, *Syme* Engl. Bot. ed. 3, t. 1351.

S. andersoniana, *Forbes* Salict. Woburn. t. 109.

Var. ansoniana.

S. ansoniana, *Forbes* Salict. Woburn. t. 107.

Var. atrovirens.

S. atrovirens, *Forbes* Salict. Woburn. t. 108.

Var. australis.

S. australis, *Forbes* Salict. Woburn. t. 103.

Var. cotinifolia, *Syme* Engl. Bot. ed. 3, t. 1348.

S. cotinifolia, *Sm.* Engl. Bot. t. 1403.

Var. damascena, *Syme* Engl. Bot. ed. 3, t. 1352.

S. damascena, *Forbes.*

Var. firma.

S. firma, *Forbes* Salict. Woburn. t. 106.

Var. forsteriana, *Syme* Engl. Bot. ed. 3, t. 1349.

S. forsteriana, *Sm.* Engl. Bot. t. 2344.

Var. grisonensis.

S. grisonensis, *Forbes* Salict. Woburn, t. 99.

Var. helvetica.

S. helvetica, *Forbes* (not *Vill*).

Var. hirta, *Syme* Engl. Bot. ed. 3, t. 1354.

S. hirta, *Sm.* Engl. Bot. t. 1404.

S. nigricans—cont.**Var. lacustris.**

S. lacustris, *Forbes*.

Var. menthifolia, Host.**Var. moabitica, K. Bolle.****Var. petraea, Syme Engl. Bot. ed. 3, t. 1353.**

S. petraea, *Anderss.*; *Sm. Engl. Bot. t. 2725.*

Var. prunifolia, Hort.**Var. rivularis.**

S. rivularis, *Forbes Salict. Woburn. t. 102.*

Var. rotundifolia.

S. rotundata, *Forbes Salict. Woburn. t. 104.*

Var. rupestris, Syme Engl. Bot. ed. 3, t. 1350.

S. rupestris, *Donn*; *Sm. Engl. Bot. t. 2342.*

Var. strepida.

S. nigricans × *cinerea*.

S. strepida, *Forbes Salict. Woburn. t. 100.*

Var. stylaris.

S. stylaris, *Ser.*

Var. vallesiaca, Hort.**Var. vaudensis.**

S. vaudensis, *Forbes Salict. Woburn. t. 117.*

Var. viburnoides, Hort.**S. nigricans × phyllicifolia. Europe.****S. patula, Seringe. Europe.**

S. aurita-incana.

S. holosericea, *Hort. (not Willd.)*.

S. incana-aurita, *Wimm.*

S. Patula—cont.

S. micheliana, *Hort.* (not *Forbes*).

S. oleaefolia, *Anderss.*

S. oleifolia, *Forbes* *Salict. Woburn.* t. 96.

S. salviaefolia, *Link.*

S. Paulinae, Suenderm. Fimberthal, North-west Tyrol.

S. reticulata × *Myrsinites* ?

S. pentandra, *L.*; *Forbes* *Salict. Woburn.* t. 34. Europe, North Asia. "Bay-leaved Willow."

S. humboldtiana, *Hort.* (not *Willd.*).

S. lucida, *Forbes* *Salict. Woburn.* t. 32 (not *Muhl.*).

S. meyeriana, *Borrer* (not *Willd.*).

S. petiolaris, *Sm.*; *Forbes* *Salict. Woburn.* t. 23; *Dippel Laubholzk.* ii. 260, f. 121. North America.

S. discolor, *Hort.* (not *Muhl.*).

S. fuscata, *Pursh.*

Var. sericea, *Anderss.* "Silky Willow."

S. grisea, *Willd.*

S. petiolaris var. *grisea*, *Torr.*

S. pratensis, *Hort.*

S. sericea, *Marsh.*; *Britt. & Br. Ill. Flora* i. 499, f.

S. phylicifolia, *L.* Alps of Northern and Central Europe. "Tea-leaved Willow."

S. bicolor, *Ehrh.*

Var. borrieriana, *Syme* *Eng. Bot. ed. 3, t. 1344.*

S. borrieriana, *Sm. Eng. Bot. t. 2619.*

Var. croweana, *Syme* *Eng. Bot. ed. 3, t. 1338.*

S. croweana, *Sm. Eng. Bot. t. 1146.*

Var. laxiflora, *Syme* *Eng. Bot. ed. 3, t. 1340.*

S. laxiflora, *Anderss.*; *Sm. Eng. Bot. t. 2749.*

S. phyllifolia—cont.

Var. nitens, *Syme* Eng. Bot. ed. 3, t. 1337.

S. nitens, *Anderss.*; *Sm.* Eng. Bot. t. 2655.

Var. patens.

S. patens, *Forbes* Salict. Woburn. t. 39.

Var. phillyreifolia, *Syme* Eng. Bot. ed. 3, t. 1345.

S. phillyreifolia, *Borrer*; *Sm.* Eng. Bot. t. 2660.

Var. tenuior.

Var. tetrapla, *Syme* Eng. Bot. ed. 3, t. 1343.

S. tetrapla, *Walker*; *Sm.* Eng. Bot. t. 2702.

Var. weigeliana, *Syme* Eng. Bot. ed. 3, t. 1336.

S. weigeliana, *Willd.*; *Sm.* Eng. Bot. t. 2656.

S. wulfeniana, *Sm.*

S. purpurea, *L.*; Eng. Bot. ed. 3, t. 1316; *Forbes* Salict. Woburn. t. 1. Europe, Central and North Asia. "Purple Osier."

S. amplexicaulis, *Hort.*

S. carniolica, *Host.*

S. fissa, *Wahlenb.* (not *Hoffm.*).

S. fuscata, *Hort.*

S. monandra, *Hoffm.*

S. rosmarinifolia, *Hort.* (not *L.*).

S. uralensis, *Hort.*

Var. lambertiana, *Anderss.*; Eng. Bot. ed. 3, t. 1318.

S. lambertiana, *Forbes* Salict. Woburn. tt. 3, 4.

S. pratensis, *Scop.*

S. wolgariana, *Borrer.*

Var. pendula. "American Weeping Willow."

S. americana pendula, *Hort.*

S. nigra pendula, *Hort.*

Var. scharfenbergensis, *K. Bolle.*

S. pyrifolia, *Anderss.* Rocky Mountains.

S. pyrolifolia, *Ledeb.* var. *hoyeriana*, *Dippel.* North Asia,
North America.

S. repens, *L.* Europe, North Asia.

Var. **argentea**, *Syme* Eng. Bot. ed. 3, t. 1362.

S. argentea, *Sm.* Eng. Bot. t. 1364.

S. californica, *Hort.*

S. sericea, *Hort.* (not *Marsh.*)

S. sericea pendula, *Hort.*

S. woolseyana, *Hort.*

S. reticulata, *L.*; Eng. Bot. ed. 3, t. 1379. Arctic and
alpine regions of northern hemisphere.

Chamitea reticulata, *Kern.*; *Dippel Laubholz.* ii.
212, f. 106.

S. retusa, *L.*; Forbes *Salict. Woburn.* t. 139. Europe,
North Asia.

Var. **serpyllifolia**, *Anderss.*; Forbes *Salict. Woburn.* t. 65.

S. serpyllifolia, *Scop.*

S. retusa × *herbacea*. Europe.

S. rosmarinifolia, *L.*; Forbes *Salict. Woburn.* t. 87.
Europe.

S. angustifolia, *Wulf.* (not *Willd.*)

S. Arbuscula, *Forbes Salict. Woburn.* t. 86.

S. caesia, *Hort.* (not *Vill.*)

S. canaliculata, *Bess.*

S. integra, *Thunb.*

S. littoralis, *Host.*

S. maritifolia, *Willd.*

S. pratensis, *Host.*

S. repens var. *rosmarinifolia*, *Anderss.*

S. tenuis, *Host.*

S. rostrata, *Richards*. North America.

S. bebbiana, *Sargent* Silva t. 477.

S. livida var. *occidentalis*, *A. Gray*.

S. vagans var. *rostrata*, *Anderss*.

S. rotundifolia, *Nutt*. North-west America.

S. rubra, *Huds.*; Forbes *Salict. Woburn.* t. 4. Europe.

S. concolor, *Host*.

S. fissa, *Hoffm.* (not *Wahlenb.*).

S. membranacea, *Thuill*.

S. purpurea × *viminalis*.

Var. *forbyana*, *Syme* Eng. Bot. ed. 3, t. 1321.

S. forbyana, *Wimm.*; Forbes *Salict. Woburn.* t. 5.

Var. *Helix*, *Syme* Eng. Bot. ed. 3, t. 1319.

S. Helix, *Sm.* Eng. Bot. t. 1343.

S. purpurea var. *Helix*, *Anderss*.

S. pyramidalis, *Hort*.

S. Sadleri, *Syme* Journ. Bot. 1875, t. 158. Perthshire, Aberdeenshire, &c.

S. herbacea × *lanata* ?

S. lanata var. *Sadleri*, *F. B. White*.

S. secerneta, *F. B. White*. Britain.

S. purpurea × *phylicifolia*.

S. sesquiertia, *F. B. White*. Britain.

S. purpurea × *aurita* × *phylicifolia*.

S. sieboldiana, *Blume*. Japan.

S. silesiaca, *Willd.*; Kong. Svensk. Vet.-Akad. Handl. vi. t. 4, f. 42. Europe.

S. fagifolia, *Willd*.

S. lasiocarpa, *Wimm*.

S. silesiaca—*cont.*

S. Ludwigii, *Schkuhr.*

S. silesiaco-Lapponum, *Wimm.*

Var. caucasica, *Anderss.*

S. caucasica, *Anderss.*

Var. subcaprea, *Anderss.*

S. Caprea-silesiaca, *Wimm.*

S. smithiana, *Willd.*; *Flora Danica* t. 2551. Europe.

S. mollissima, *Sm.* (not *Ehrh.*).

S. pannosa, *Hort.* (not *Schleich.*).

S. viminalis × *Capreae* ?

Var. acuminata, *Anderss.*

S. acuminata, *Sm.*; *Eng. Bot.* ed. 3, t. 1326.

S. Calodendron, *Wimm.*

S. Caprea-dasyclados, *Wimm.*

S. dasyclados, *Wimm.*

Var. ferruginea.

S. cinerea-viminalis, *Wimm.*

S. ferruginea, *Borrer*; *Eng. Bot.* ed. 3, t. 1325.

Var. velutina, *Anderss.*

S. holosericea, *Willd.*

S. micheliana, *Forbes Salict. Woburn.* t. 135.

S. rugosa, *Leefe.*

S. sobrina, *F. B. White.* Europe.

S. herbacea × *Lapponum.*

S. sordida, *Kern.* Europe.

S. cinerea-purpurea, *Wimm.*

S. pontederana, *Schleich.* var. *sordida*, *Anderss.*

S. purpurea × *cinerea.*

S. subpurpurea cinerea, *Kern.*

S. spuria, Schleich. Europe.

S. Arbuscula \times Lapponum.

S. stipularis, Sm. Eng. Bot. t. 1214. Europe.

S. viminalis \times smithiana ?

S. triandra, L. ; Eng. Bot. ed. 3, t. 1313. Europe, North Asia. "Almond-leaved or French Willow."

S. hoppeana, Willd.

S. tenuiflora, Host.

Var. **amygdalina, Syme** Eng. Bot. ed. 3, t. 1315.

S. amygdalina, L.

Var. **hoffmanniana, Syme** Eng. Bot. ed. 3, t. 1314.

S. hoffmanniana, Sm.

S. undulata, Ehrh. ; Eng. Bot. ed. 3, t. 1312. Europe.

S. lanceolata, Sm. Eng. Bot. t. 1436.

S. triandra-alba, Wimm.

S. viminalis, L. ; Forbes Salict. Woburn. t. 133. Russia and North Asia. (Cultivated throughout Europe). "Osier."

S. longifolia, Lam.

S. tristis, Hort. (not Ait.).

S. virescens, Vill. (not Forbes).

S. viridis, Fries ; Kong. Svensk. Vet.-Akad. Handl. vi. t. 3, f. 29. Europe.

S. fragilis, Forbes Salict. Woburn. t. 27 (not L.).

S. fragilis \times alba.

S. montana, Forbes Salict. Woburn. t. 19.

S. wardiana, F. B. White (phylicifolia \times cinerea). Britain

Populus alba, L. ; Eng. Bot. ed. 3, t. 1299. Europe, North Africa, North and West Asia. "White Poplar ; Abele."

Var. nivea.

P. acerifolia, Hort.

P. arembergiana, Hort.

P. arembergica, Hort.

P. argentea, Hort.

Var. pyramidalis.

P. alba var. croatica, Wesmael.

P. bolleana, Lauche ; Gard. Chron. 1882, xviii. 557, f. 96.

P. croatica, Waldst. & Kit.

P. Korolkowi, Hort.

Var. macrophylla, Hort.

P. Picarti, Hort.

Var. foliis aureis variegatis.

Var. globosa, Hort.

P. angustifolia, James ; Sargent Silva of North America t. 492. North America.

P. balsamifera var. angustifolia, S. Watson.

P. canadensis var. angustifolia, Wesmael.

P. salicifolia, Rafin.

P. balsamifera, L. ; Sargent Silva of North America t. 490. North America. "Balsam Poplar."

Var. candicans, A. Gray ; Sargent Silva of North America t. 491.

P. candicans, Ait.

P. ontariensis, Hort.

Var. elongata.

Var. variegata.

P. berolinensis, *Dippel*. Origin uncertain.

P. laurifolia var. *berolinensis*, *Hort*.

P. hybrida var. *berolinensis*, *C. Koch*.

P. balsamifera *berolinensis*, *Hort*.

P. laurifolia × *deltoidea* ?

P. canescens, *Sm.* ; Eng. Bot. ed. 3, t. 1300. "Gray Poplar."

P. albo-tremula, *Krausse*.

P. certinensis, *Hort*. Garden origin.

P. deltoidea, *Marsh.* ; Sargent Silva of North America
tt. 494, 495. North America. "Cottonwood."

P. Acladesca, *Lindl*.

P. angulata, *Ait*.

P. angulosa, *Michx*.

P. canadensis, *Moench*.

P. carolinensis, *Moench*.

P. cordata, *Hort*.

P. dilatata var. *carolinensis*, *Willd*.

P. glandulosa, *Moench*.

P. heterophylla, *Duroi* (not *L.*).

P. laevigata, *Ait*.

P. latifolia, *Moench*.

P. macrophylla, *Hort*.

P. marylandica, *Bosc*.

P. monilifera, *Ait*.

P. nigra, *Marsh.* (not *L.*).

P. nigra var. *helvetica*, *Poir*.

P. nigra var. *virginiana*, *Castigl*.

P. serotina, *Hartig*.

P. virginiana, *Fouger*.

P. laurifolia—cont.

P. undulata, *Hort.*

P. viminalis, *Lodd.*

P. moscoviensis, *Schroeder.* Origin uncertain.

P. nigra, *L.*; Eng. Bot. ed. 3, t. 1302. Europe, North Asia.

P. fistula, *Hort.*

P. versicolor, *Salisb.*

P. vistulensis, *Hort.*

Var. betulæfolia, *Wesmael.*

P. betulifolia, *Pursh.*

P. hudsonica, *Michx.* Hist. Arbr. Am. iii. 293, t. 10, f. 1.

Var. Nolestii.

P. Nolestii, *Hort.*

Var. pyramidalis, *Spach.*

P. dilatata, *Soland.*

P. fastigiata, *Pers.*

P. italica, *Moench.*

P. pannonica, *Hort.*

P. polonica, *Hort.*

P. pyramidalis, *Salisb.*

Var. pyramidalis gigantea.

P. fastigiata gigantea.

P. petrowskyana, *Schroeder.* Garden origin.

canadensis × *suaveolens* ?

P. plantierensis, *Simon-Louis.* (*nigra* *betulifolia* × *nigra* *fastigiata* ?). Garden origin.

P. fastigiata plantierensis, *Hort.*

P. rasumowskyana, *Schroeder.* Garden origin.

nigra × *suaveolens* ?

P. Sieboldii, *Miq.* Japan.

P. rotundifolia, *Hort.*

P. Simonii, *Carr.*; Dippel Laubholzk. ii. t. 211, f. 10.
China.

P. balsamifera var. *Simonii*, *Dieck.*

P. suaveolens, *Fisch.* North-west India to Japan, &c.

P. balsamifera var. *suaveolens*, *Loud.*

P. macrocarpa, *Schrenk.*

P. pseudobalsamifera, *Fisch.*

P. tremula, *L.*; Eng. Bot. ed. 3, t. 1301. Europe, North
Africa, North Asia. "Aspen."

P. australis, *Tenore.*

P. cilicica, *Kotschy.*

Var. pendula.

P. pendula, *Burgsdorf.*

P. supina, *Lodd.*

Var. purpurea.

Var. villosa, *Syme.*

P. canescens, *Reichb.* (not *Sm.*).

P. villosa, *Láng.*

P. tremuloides, *Michx.*; Sargent Silva of North America
t. 487. North America. "American Aspen."

P. atheniensis, *C. Koch.*

P. benzoifera, *Tausch.*

P. graeca, *Lauche.*

P. tremuliformis, *Emerson.*

P. trepida, *Willd.*

Var. pendula. "Parasol de St. Julien."

P. juliana pendula, *Hort.*

P. trichocarpa, *Hook.*; Sargent Silva of North America t. 493. Western North America. "Black Cottonwood."

P. balsamifera var. *trichocarpa*, *S. Wats.*

P. tristis, *Fisch.*; Dippel Laubholzk. ii. 205, f. 98. Northeastern Asia.

Var. *elongata*, *Koehne.*

P. candicans *elongata*, *Dippel.*

P. Viadri, *M. Ruediger.* Origin uncertain.

P. Wobstii, *Schroeder.* Garden origin?

P. balsamifera var. *Wobstii*, *Dippel* Laubholzk. ii. 207, f. 101.

Empetraceae.

Empetrum nigrum, *L.*; Eng. Bot. ed. 3, t. 1251. North temperate and arctic zones. "Crowberry."

E. crassifolium, *Rafin.*

E. procumbens, *L.*

Var. *scoticum*, *Loud.*

E. scoticum, *Hook.*

Var. *tomentosum*, *Dippel.*

E. tomentosum, *Hort.*

Corema album, *D. Don*; Laguna Fl. For. Esp. ii. t. 47. Portugal.

Empetrum lusitanicum, *Hort.*

C. Conradii, *Torr.*; Britt. & Br. Illustr. Fl. ii. 384, f. Northern United States, &c.

Empetrum Conradii, *Torr.*

GYMNOSPERMEAE.

Gnetaceae.

Ephedra americana, *Humb. & Bonpl.* var. **andina**, *Stapf*.
Chili.

E. andina, *Poepp. & Endl.*; Miers Contr. Bot. ii. t. 76 b.

E. bracteata, *Miers*.

E. chilensis, *Miers*.

E. monticola, *Miers*.

E. distachya, *L.*; Reichb. Ic. Fl. Germ. xi. t. 539, f. 1148.
Europe, Asia Minor.

E. monostachya, *L.*

E. foliata, *C. A. Mey.* Northern and Central Asia.

E. asparagoides, *Griff.*

E. kokanica, *Regel.*

E. peduncularis, *Boiss.*

E. fragilis, *Desf.*; Sibth. Fl. Graeca t. 961. Mediterranean
region, &c.

Var. **campylopoda**, *Stapf*.

E. campylopoda, *C. A. Mey.*

E. gerardiana, *Wall.* Himalaya.

E. vulgaris, *Aitch.*

E. helvetica, *C. A. Mey.*; Christ Fl. de la Suisse . . .
pl. 1. Switzerland, Italy, Southern France.

E. distachya, *Suter* (not *L.*).

E. intermedia, *Schrenk & C. A. Mey.* Central Asia, &c.

E. nebrodensis, *Tineo.* Mediterranean region.

E. trifurca, *Torr.* Western North America.

MONOCOTYLEDONS.

Liliaceae.

† SMILACEAE.

Smilax aspera, *L.* ; Nouv. Duham. i. 234, t. 53. Mediter-
ranean region, &c. "Rough Bindweed."

S. sagittaeifolia, *Lodd.* Bot. Cab. t. 1799.

Var. *maculata*, *A.DC.* East Indies.

S. maculata, *Roxb.*

Var. *mauritanica*, *A.DC.*

S. catalonica, *Poir.*

S. mauritanica, *Desf.* ; Flore des Serres t. 1049.

S. Bona-nox, *L. var. hastata*, *A.DC.* South United States

S. hastata, *Willd.*

S. Cantab, *Lynch* ; Garden lvi. 505. f. Origin uncertain.

S. China, *L.* China, Japan, &c.

S. japonica, *A. Gray.*

S. Pteropus, *Miq.*

Coprosmanthus japonicus, *Kunth.*

S. excelsa, *L.* ; Nouv. Duham. i. 236, t. 54 ; Sibth. Fl.
Graeca t. 959. South-west Europe, Asia Minor, &c.

S. canariensis, *H. C. Wats.* (in part).

S. China, *S. T. Gmel.* (not *L.*).

S. laevis, *Gueldenst.* (not *Wall.*).

S. glauca, *Walt.* ; Bot. Mag. t. 1846. North America.
"Carrion-Flower."

S. Sarsaparilla, *L.* (in part).

S. spinulosa, *Sm.*

S. hispida, *Muhl.* North America.

S. grandifolia, *Buckl.*

S. laurifolia, *L.*; Britt. & Br. Illustr. Fl. i. 441, f.
Southern United States.

S. Pseudo-China, *L.*; Britt. & Br. Illustr. Fl. i. 441, f.
Southern United States.

S. rotundifolia, *L.* North America. "Horse-brier;
Greenbrier."

S. caduca, *L.*

S. quadrangularis, *Muhl.*; Wats. Dendr. Brit. t. 109.

S. Sarsaparilla, *Hort.*

S. virginiana, *Hort.* (not *Mill.*).

S. tamnoides, *L.* North America.

S. tamnifolia, *Michx.*

Coprosmanthus tamnifolius, *Kunth.*

S. Walteri, *Pursh.* North America.

†† ASPARAGEAE.

Ruscus aculeatus, *L.*; Eng. Bot. ed. 3, t. 1516. Europe,
&c. "Butcher's Broom."

Var. **angustifolius**.

R. angustifolius, *Hort.*

R. Hypoglossum, *L.*; Sibth. Fl. Graeca t. 955. South
Europe.

R. Hypophyllum var. **Hypoglossum**, *Lam.*

R. Hypophyllum, *L.*; Bot. Mag. t. 2049. South-west
Europe, North Africa.

Ruscus microglossus, *Bert.*

Danaea Laurus, *Medic.* Asia Minor, &c. "Alexandrian Laurel."

D. racemosa, *Moench*; Wats. Dendr. Brit. t. 145.

Danaida racemosa, *Link.*

Ruscus racemosus, *L.*

Asparagus aphyllus, *L.* Mediterranean region.

A. horridus, *Hort.*

††† LUZURIAGNEAE.

***Luzuriaga radicans**, *Ruiz & Pav.*; Bot. Mag. t. 6465.
Chili, Peru.

†††† DRACAENEAE.

Yucca angustifolia, *Pursh*; Bot. Mag. t. 2236. Missouri to Colorado and New Mexico.

Var. *stricta*, *Baker.*

Y. angustifolia var. *mollis*, *Engelm.*

Y. stricta, *Sims* Bot. Mag. t. 2222.

Y. filamentosa, *L.*; Bot. Mag. t. 900. Southern United States.

Var. *flaccida*, *Baker.*

Y. flaccida, *Haw.*; Bot. Reg. t. 1895.

Var. *variegata*.

Y. glauca, *Sims* Bot. Mag. t. 2662. Southern United States.

Y. gloriosa, *L.*; Bot. Mag. t. 1260. Southern United States.
"Adam's Needle."

Var. *Ellacombei*, *Baker.*

Y. Ellacombei, *Baker*; Saund. Ref. Bot. t. 317.

Var. *variegata*, *Hort.*

Y. orchioides, *Carr.* Rev. Hort. 1861, 369, ff. 89, 90.
Southern United States.

Y. filamentosa *var. orchioides*, *Baker.*

Var. major, *Baker* Bot. Mag. t. 6316.

Y. recurvifolia, *Salisb.*; Saund. Ref. Bot. t. 321. Southern
United States.

Y. japonica, *Hort.*

Y. pendula, *Sieb.*

Y. recurva, *Haw.*

Var. variegata, *Hort.*

Y. rupicola, *Scheele*; Bot. Mag. t. 7172. Southern United
States and Mexico.

Y. contorta, *Hort.*

Y. lutescens, *Carr.*

Y. tortifolia, *Lindh.*

Palmae.

Trachycarpus excelsus, *H. Wendl.* Japan. "Chusan Palm."

T. Fortunei, *H. Wendl.*

Chamaerops excelsa, *Thunb.*

C. Fortunei, *Hook.* Bot. Mag. t. 5221.

Gramineae.

† FESTUCÆ.

Arundo Donax, *L.* Mediterranean region, &c.

Donax arundinaceus, *Beauv.*

Scolochloa arundinacea, *Mert. & Koch.*

Var. macrophylla.

Var. variegata, *Hort.*

†† BAMBUSEAE.

Arundinaria anceps, *Mitford*. Origin uncertain.

A. spathiflora, *Trin.* ?

A. aristata, *Gamble*. North-eastern Himalaya.

A. auricoma, *Mitford*. Japan.

A. Fortunei var. *aurea*, *Hort*.

Bambusa Fortunei var. *aurea*, *Hort*.

B. Maximowiczii, *Hort*. (in part).

A. chrysantha, *Mitford*. Japan.

Bambusa chrysantha, *Hort*.

***A. falcata**, *Nees*. Himalaya.

Bambusa falcata, *Hort*.

B. gracilis, *Hort*. (in part).

***A. Falconeri**, *Mitford*. Himalaya.

Thamnocalamus Falconeri, *Hook. f.*

A. Fortunei, *A. & C. Rivière*.

A. diversifolia, *Kurz*. Japan.

Bambusa Fortunei foliis niveo-vittatis, *Van Houtte*
Flore des Serres xv. 69, t. 1535.

B. Fortunei var. *variegata*, *Hort*.

B. picta, *Sieb. & Zucc*.

B. variegata, *Standish*.

A. Hindsii, *Munro*. Japan.

Bambusa Chino, *Franch. & Savat.* ?

B. erecta, *Hort*.

B. jacile, *Hort*.

Kanzan-chiku, *Hort. Jap.*

A. Hindsii—cont.

Var. *graminea*, *Bean*.

Bambusa graminea, *Hort*.

'Taimin-chiku, *Hort. Jap*.

**A. hookeriana*, *Munro*. Sikkim.

A. humilis, *Mitford*. Japan.

A. Fortunei *Hort*. (green form).

Bambusa gracilis *Hort*. (in part).

A. japonica, *Sieb. & Zucc.*; *Gard. Chron.* 1894, xv. 289,
f. 26 Japan.

Bambusa Metake, *Sieb*.

Phyllostachys bambusoides, *Hort*. (not *Sieb. & Zucc.*).

Médaké, *Hort. Jap*.

A. Kokantsik, *Kurz*. Japan.

Bambusa marmorea, *Mitford* *Bamboo Garden* 93, f.

Kan-chiku, *Hort. Jap*.

A. Kumasasa, *Kurz*. Japan.

A. metallica, *Mitford* *Gard. Chron.* 1898, xxiv. 274,
f. 75.

Bambusa palmata, *Burbidge*; *Mitford* *Bamboo Garden*
79, f; *Gard. Chron.* 1890, vii. 641, f. 1: 1894, xv. 169,
f. 18. Japan.

A. paniculata, *Makino* *Bot. Mag. Tokio*, xiv. 50.

Kanéyama-daké, *Hort. Jap*.

Kumazasa, *Hort. Jap*.

A. macrosperma, *Michx.* North America. "Large Cane."

Var. *tecta*, *A. Gray*. "Switch Cane."

A. macrosperma var. *suffruticosa*.

Bambusa Hermannii, *Hort*.

B. Neumannii, *Hort*.

A. nitida, *Mitford*. Central China.

A. khasiana, *Hort.* (not *Munro*).

Bambusa Kan-si, *Hort. Chin.*

***A. nobilis**, *Mitford*. Origin uncertain.

A. pumila, *Mitford*. Japan.

Bambusa pumila, *Hort.*

A. pygmaea, *Kurz*. Japan.

Bambusa pygmaea, *Miq.*

Nézasa, *Hort. Jap.*

A. racemosa, *Munro*. North India.

A. Simoni, *A. & C. Rivière*. *Gard. Chron.* 1894, xv. 301, f. 35. China.

Bambusa Simoni, *Carr.*

B. viridi-striata, *Hort.*

Narihiradaké, *Hort. Jap.*

Var. Chino, *Makino*.

A. Laydekeri, *Hook. f.*; *Mitford Bamboo Garden* 92, f.

Bambusa Laydekeri, *Marliac*.

Hakoné-daké or **Hakoné-chiku**, *Hort. Jap.*

Var. variegata, *Hook. f.* *Bot. Mag.* t. 7146.

Bambusa albo-striata, *Hort.*

B. Maximowiczii, *Hort.* (in part).

B. plicata, *Hort.*

A. Veitchii, *N. E. Brown*; *Mitford Bamboo Garden* 77, f. Japan, &c.

A. albo-marginata, *Makino*.

A. kurilensis *var. paniculata*, *Schmidt*.

A. Veitchii—cont.

Bambusa albo-marginata, *Hort.*

B. senanensis, *Franch & Savat.*

B. tessellata, *Hort.* (not *Munro*).

B. Veitchii, *Carr.*

Ko-Kumazasa, *Hort. Jap.*

Yakiba-zasa, *Hort. Jap.*

***Bambusa angustifolia*, *Mitford.* Japan.**

B. Vilmorini, *Hort.*

***B. disticha*, *Mitford.* Origin uncertain.**

B. nana, *Hort.* (not *Roxb.*).

Hôô-chiku, *Hort. Jap.*

***B. macroculmis*, *A. Rivière.* Origin unknown.**

***B. Nagashima*, *Marliac.* Japan.**

***B. quadrangularis*, *Fenzi.* China?, Japan.**

Shiho-chiku or *Shikaku-daké*, *Hort. Jap.*

***B. tessellata*, *Munro*; *Gard. Chron.* 1894, xv. 167, f. 17.
China, Japan.**

B. Ragamowski, *Hort.*

Arundo Ragamowski, *Hort.*

Bi-chiku, *Hort. Jap.*

***Phyllostachys aurea*, *A. & C. Rivière.* Japan.**

Bambusa aurea, *Hort.*

B. sterilis, *Kurz.*

Hôrai-chiku, *Hort. Jap.*

Taibô-chiku, *Hort. Jap.*

Hotei-chiku, *Hort. Jap.*

***P. bambusoides*, *Sieb. & Zucc.* Japan.**

Ya-daké, *Hort. Jap.*

Phyllostachys fastuosa*, Hort.Bambusa fastuosa*, Hort.*Arundinaria fastuosa*, Hort. Kew. Japan.*Madaradaké* ? Hort. Jap.***P. flexuosa*, A. & C. Rivière. North China.***Bambusa flexuosa*, Hort. (not Munro).***P. fulva*, Mitford Gard. Chron. 1898, xxiv. 246, f. 68.
Japan.***Ôgon-chiku*, Hort. Jap.***P. Henonis*, Mitford. Japan.***Bambusa Henonis*, Hort.*Ha-chiku*, Hort. Jap.***P. mitis*, A. & C. Rivière. Japan.***Bambusa mitis*, Hort. (not Poir.).*Môsô-chiku*, Hort. Jap.

A deformed state of this (often found also in *P. aurea*)
is—

P. heterocycla, Mitford Bamboo Garden 160, f. Japan.
"Tortoise-shell Bamboo."

Bambusa heterocycla, Carr. Rev. Hort. 1878, 354,
f. 80.

Kiko-chiku and *Kimon-chiku*, Hort. Jap.***P. nigra*, Munro; Gard. Chron. 1894, xv. 369, f. 46.
Japan.***Bambusa nigra*, Lodd.*Kuro-daké*, Hort. Jap.*Goma-dake*, Hort. Jap.*Kuro-chiku*, Hort. Jap.**Var. *boryana*.***Bambusa boryana*, Marliac.*P. boryana*, Mitford.**Var. *punctata*, Bean.***Bambusa nigro-punctata*, Hort.*Goma-daké*, Hort. Jap.

P. Quilioi, *A. & C. Rivière* ; Gard. Chron. 1894, xv. 431, f. 52. Japan.

Bambusa Duquilioi, *Hort.*

B. Mazeli, *Hort.*

B. Quilioi, *Carr.*

B. senanensis, *Hort. Abbotsbury.*

Madaké, *Hort. Jap.*

Var. Castillonis.

P. Castillonis, *Mitford.* Japan.

B. Castilloni, *Carr. Rev. Hort.* 1886, 513, f. 122.

Bambusa Castillonis, *Marliac.*

Kimmei-chiku, *Hort. Jap.*

Var. marliacea.

P. marliacea, *Mitford.* Japan.

Bambusa marliacea, *Hort.*

Shibo-chiku and *Shiwa-chiku*, *Hort. Jap.*

P. ruscifolia, *Hort. Kew.* Japan.

P. Kumasaca, *Munro* ; Gard. Chron. 1894, xv. 369, f. 45.

P. Kumasasa, *Mitford.*

Bambusa ruscifolia, *Sieb.*

B. viminalis, *Hort.*

Bungozasa or *Gomai-zasa*, *Hort. Jap.*

P. sulphurea, *A. & C. Rivière.* Japan.

Arundinaria stolonifera, *Kurz.*

Bambusa sulphurea, *Hort.*

P. violascens, *A. & C. Rivière.* Japan ?

Bambusa violascens, *Hort.*

P. viridi-glaucescens, *A. & C. Rivière* ; Gard. Chron. 1894, xv. 433, f. 53. China.

Bambusa viridi-glaucescens, *Carr.*

ADDITIONS AND CORRECTIONS.

- Page 89. *For* Iris Mariesii *read* I[lex] Mariesii.
- „ 123. *For* Kolreuteria *read* Koelreuteria.
- „ 375. *Transfer* Deutzia corymbosa, *Hort.*, *from*
Philadelphus grandiflorus to P. inodorus.
- „ 497. *Insert* Azalea verticillata, *Bart.*, *as a synonym*
of Rhododendron arborescens.
- „ 517. *Insert* R. aureum magnificum, *Henders. Bouq.*
t. 46, as a synonym of Rhododendron Smithii
var. aureum.
- „ 603. *For* E[laeagnus] tenniflora *read* E. tenuiflora.
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INDEX.

| | | | | Page. | | | | | Page. |
|---------------------|-----|-----|------|-------|-----------------------|--------------|------|------|---------|
| A. | | | | | | | | | |
| Abelia | ... | ... | ... | 435 | Anagyris | ... | ... | ... | 161 |
| Abelicea | ... | ... | ... | 627 | Anagyris | ... | ... | ... | 163 |
| Abutilon | ... | ... | ... | 63 | Andrachne | ... | ... | ... | 611 |
| Acacia | ... | ... | ... | 205 | Andromeda | ... | ... | ... | 481 |
| Acanthopanax | ... | ... | ... | 399 | Andromeda | 93, 477–483, | 491, | 493 | |
| Acer | ... | ... | ... | 131 | Androphylax | ... | ... | ... | 21 |
| Actinidia | ... | ... | ... | 59 | Androsaemum | ... | 53, | 55, | 57 |
| Adelia | ... | ... | ... | 545 | Anisostichus | ... | ... | ... | 571 |
| Adenocarpus | ... | ... | ... | 163 | Anona | ... | ... | ... | 21 |
| Adnaria | ... | ... | ... | 465 | Anthodendron | ... | 499, | 503 | |
| Ægle | ... | ... | ... | 77 | Anthyllis | ... | ... | ... | 181 |
| Æsculus | ... | ... | ... | 125 | Aphananthe | ... | ... | ... | 629 |
| Ailanthus | ... | ... | ... | 77 | Aplopappus | ... | ... | ... | 459 |
| Ailanthus | .. | ... | ... | 79 | Aquifolium | ... | ... | ... | 79 |
| Akebia | ... | ... | ... | 23 | Aralia | ... | ... | ... | 399 |
| Albertia | ... | ... | ... | 253 | Aralia | ... | ... | 399, | 401 |
| Albizzia | ... | ... | ... | 205 | Araujia | ... | ... | ... | 557 |
| Alnaster | ... | ... | ... | 669 | Arbutus | ... | ... | ... | 471 |
| Alnus | ... | ... | ... | 661 | Arbutus | ... | ... | 473, | 475 |
| Aloysia | ... | ... | ... | 575 | Arctostaphylos | ... | ... | ... | 473 |
| Althaea | ... | ... | ... | 63 | Ardisia | ... | ... | ... | 519 |
| Alyssum | ... | ... | ... | 37 | Aria | ... | ... | 309, | 313–317 |
| Amelanchier | ... | ... | ... | 361 | Aristolochia | ... | ... | ... | 591 |
| Amelanchier | ... | ... | ... | 253, | Aristotelia | ... | ... | ... | 73 |
| Ammyrsine | ... | ... | ... | 495 | Armeniaca | ... | 207, | 211, | 213 |
| Amorpha | ... | ... | ... | 181 | Aronia | 309, 313, | 319, | 321, | 361–365 |
| Ampelopsis | .. | ... | 113, | 121, | Artemisia | ... | ... | ... | 463 |
| Amygdalopsis | ... | ... | ... | 213 | Arundinaria | ... | ... | ... | 779 |
| Amygdalus | ... | ... | 205, | 213, | Arundinaria | ... | ... | ... | 789 |
| Amphiraphis | ... | ... | ... | 461 | Arundo | ... | ... | ... | 777 |
| | | | | | Arundo | ... | ... | ... | 785 |

| | | | Page. | | | | Page. |
|--------------------------------------|--------------------|-----|---------------|---------------------------|--------------|-----|--------|
| Ascyrum ... | ... | ... | 53 | Bladhia ... | ... | ... | 519 |
| Asimina ... | ... | ... | 21 | Borya ... | ... | ... | 545 |
| Asparagus ... | ... | ... | 775 | Brandisia ... | ... | ... | 565 |
| Aster ... | ... | ... | 461 | Brickellia ... | ... | ... | 459 |
| Astragalus ... | ... | ... | 195 | Bridgesia ... | ... | ... | 589 |
| Atragene ... | ... | ... | 1, 7 | Broussonetia ... | ... | ... | 631 |
| Atraphaxis ... | ... | ... | 589 | Broussonetia ... | ... | ... | 631 |
| Atriplex ... | ... | ... | 587 | Bruckenthalia ... | ... | ... | 491 |
| Aucuba ... | ... | ... | 419 | Brunnichia ... | ... | ... | 591 |
| Aucuparia ... | ... | ... | 319 | Bryanthus ... | ... | ... | 491 |
| Azalea 491, 497-505, 513, 791 | | | | Buckleya ... | ... | ... | 607 |
| Azaleodendron ... | ... | ... | 517 | Buddleia ... | ... | ... | 559 |
| Azara ... | ... | ... | 47 | Buergeria ... | ... | ... | 15, 17 |
| Azara ... | ... | ... | 49 | Bumelia ... | ... | ... | 519 |
| Azarolus ... | ... | ... | 309, 321 | Bupleurum ... | ... | ... | 399 |
| B. | | | | Bursaria ... | ... | ... | 49 |
| Baccharis ... | ... | ... | 461 | Butneria ... | ... | ... | 9, 11 |
| Baillonia ... | ... | ... | 577 | Buxus ... | ... | ... | 607 |
| Ballota ... | ... | ... | 585 | C. | | | |
| Bambusa ... | ... | ... | 785 | Caesalpinia ... | ... | ... | 201 |
| Bambusa ... | ... | ... | 779-789 | Calamintha ... | ... | ... | 583 |
| Baptisia ... | ... | ... | 163 | Calampelis ... | ... | ... | 575 |
| Barbula ... | ... | ... | 579 | Calea ... | ... | ... | 461 |
| Baumgartia ... | ... | ... | 21 | Callicarpa ... | ... | ... | 577 |
| Benthamia ... | ... | ... | 415 | Calluna ... | ... | ... | 485 |
| Benzoin ... | ... | ... | 595 | Calophaca ... | ... | ... | 195 |
| Berberidopsis ... | ... | ... | 23 | Calothyrsus ... | ... | ... | 125 |
| Berberis ... | ... | ... | 23 | Calycanthus ... | ... | ... | 9 |
| Berchemia ... | ... | ... | 101 | Calycanthus ... | ... | ... | 11 |
| Berya ... | ... | ... | 607 | Calyptristigma ... | ... | ... | 457 |
| Betula ... | ... | ... | 651 | Calystegia ... | ... | ... | 561 |
| Betula ... | 661, 663, 667, 669 | | | Camellia ... | ... | ... | 61 |
| Bigelovia ... | ... | ... | 459 | Caprifolium ... | 437-451, 455 | | |
| Biguonia ... | ... | ... | 571 | Caragana ... | ... | ... | 191 |
| Bignonia ... | ... | ... | 565, 573, 575 | | | | |

| | | | Page. | | | | Page. |
|-----------------------|---------------------|-----|----------|-----------------------|-----|----------------|----------|
| Caragana | ... | ... | 191 | Chamaedaphne | ... | ... | 477 |
| Cardiandra | ... | ... | 561 | Chamaedrys | ... | ... | 585 |
| Carmichaelia | ... | ... | 189 | Chamaeledon | ... | ... | 491 |
| Carniola | ... | ... | 169 | Chamaerops | ... | ... | 777 |
| Carpentaria | ... | .. | 379 | Chamitea | ... | ... | 749 |
| Carpinus | ... | ... | 669 | Chenopodium | ... | ... | 587 |
| Carpinus | ... | ... | 671, 673 | Chimonanthus | ... | ... | 11 |
| Carya | ... | ... | 639 | Chiogenes | ... | ... | 471 |
| Carya | ... | ... | 645 | Chionanthus | ... | ... | 549 |
| Caryopteris | ... | ... | 579 | Chloranthus | ... | ... | 593 |
| Cassandra | ... | ... | 477 | Choisya | ... | ... | 73 |
| Cassia | ... | ... | 205 | Chrysobotrya | ... | ... | 383 |
| Cassine | ... | ... | 79, 89 | Chrysocoma | ... | ... | 459 |
| Cassinia | ... | ... | 461 | Chrysothamnus | ... | ... | 459 |
| Cassiope | ... | ... | 477 | Cinnamomum | ... | ... | 593 |
| Castanea | ... | ... | 713 | Cissampelos | ... | ... | 21 |
| Castanea | ... | ... | 713 | Cissus | ... | ... | 113-121 |
| Castanopsis | ... | ... | 713 | Cistus | ... | ... | 37 |
| Catalpa | ... | ... | 573 | Cistus | ... | ... | 41-45 |
| Ceanothus | ... | ... | 109 | Citharexylon | ... | ... | 577 |
| Cebatha | ... | ... | 21 | Citrus | ... | ... | 77 |
| Cedrela | ... | ... | 79 | Cladrastis | ... | ... | 199 |
| Celastrus | ... | ... | 99 | Clematis | ... | ... | 1 |
| Celtis | ... | ... | 627 | Clerodendron | ... | ... | 579 |
| Celtis | ... | ... | 629 | Clethra | ... | ... | 517 |
| Cephalanthus | ... | ... | 457 | Clethropsis | ... | ... | 665 |
| Cerasus | ... | ... | 207-235 | Cleyera | ... | ... | 59 |
| Cercidiphyllum | ... | ... | 19 | Cliftonia | ... | ... | 93 |
| Cercis | ... | ... | 205 | Cneorum | ... | ... | 77 |
| Cercocarpus | ... | ... | 267 | Cocculidium | ... | ... | 21 |
| Cestrum | ... | ... | 565 | Cocculus | ... | ... | 21 |
| Chaenomeles | ... | ... | 323, 325 | Cochliospermum | ... | ... | 587 |
| Chamaebatia | ... | ... | 267 | Golebrookia | ... | ... | 581 |
| Chamaebuxus | ... | ... | 49 | Colletia | ... | ... | 111 |
| Chamaecerasus | 223, 437, 441, 447, | | 453, 455 | Colletia | ... | ... | 111 |
| | | | | Colutea | ... | ... | 189 |
| | | | | Colutea | ... | ... | 189, 195 |

| | Page. | | Page. |
|-----------------------------------|---------------|----------------------|---------------|
| Comarum | 269 | Daphniphyllum... | 611 |
| Comptonia | 649 | Daphniphyllum | 549 |
| Convolvulus | 561 | Davidia | 421 |
| Convolvulus | 561 | Decumaria | 373 |
| Coprosma | 457 | Dendropanax | 401 |
| Coprosmanthus | 771, 773 | Dendrospartum | 167 |
| Corchorus | 253 | Desfontainea | 559 |
| Cordia | 561 | Desmodium | 197 |
| Corema | 767 | Desmodium | 199 |
| Coreosma | 381 | Deutzia | 371 |
| Coriaria | 161 | Deutzia | 375, 377, 791 |
| Cormus | 313, 317, 321 | Diapensia | 519 |
| Cornus | 411 | Diervilla | 455 |
| Corokea | 411 | Dimorphanthus | 399 |
| Coronilla | 195 | Diospyros | 521 |
| Corylopsis | 393 | Diostea | 577 |
| Corylus | 673 | Diplopappus | 459-463 |
| Cotinus | 157 | Dipteronia | 155 |
| Cotoneaster | 353 | Dipyrena | 577 |
| Cotoneaster | 349, 351 | Dirca | 601 |
| Cowania | 267 | Disanthus | 395 |
| Crataego-mespilus | 327 | Discaria | 111 |
| Crataegus... .. | 327 | Distegocarpus | 671 |
| Crataegus 303, 311-319, 325, 357, | 359, 363, 365 | Distylium... .. | 393 |
| Cudrania | 637 | Donax | 777 |
| Cydonia | 323 | Dorycnium | 179 |
| Cynanchum | 559 | Drimophyllum | 595 |
| Cyrilla | 93 | Drimys | 11 |
| Cytisus | 173 | Dryas | 267 |
| Cytisus | 163-171, 181 | Duranta | 577 |
| | | Duvaua | 161 |
| D. | | E. | |
| Daböecia | 493 | Eccremocarpus | 575 |
| Danaea | 775 | Echinopanax | 401 |
| Danaida | 775 | Echium | 161 |
| Daphne | 597 | | |

| | | Page. | | | Page. |
|----------------------------|-----|----------|------------------------|-----|-------|
| Edgeworthia ... | ... | 601 | F. | | |
| Edwardsia ... | ... | 201 | | | |
| Edwardsia ... | ... | 201 | Fabiana ... | ... | 565 |
| Ehretia ... | ... | 561 | Fagus ... | ... | 717 |
| Elaeagnus ... | ... | 601 | Fagus ... | ... | 715 |
| Eleutherococcus ... | ... | 401 | Fallugia ... | ... | 269 |
| Elliottia ... | ... | 495 | Fatsia ... | ... | 401 |
| Elscholtzia ... | ... | 581 | Fendlera ... | ... | 379 |
| Empetrum ... | ... | 767 | Ficus ... | ... | 637 |
| Empetrum ... | ... | 767 | Flacourtia ... | ... | 49 |
| Enkianthus ... | ... | 483 | Flueggea ... | ... | 607 |
| Ephedra ... | ... | 769 | Fontanesia ... | ... | 545 |
| Epigaea ... | ... | 479 | Forestiera ... | ... | 545 |
| Ercilla ... | ... | 589 | Forsythia ... | ... | 525 |
| Eremanthe ... | ... | 55 | Forsythia ... | ... | 373 |
| Erica ... | ... | 487 | Fothergilla ... | ... | 393 |
| Erica ... | ... | 485, 491 | Fothergilla ... | ... | 393 |
| Ericameria ... | ... | 459 | Frangula ... | ... | 103 |
| Erinacea ... | ... | 173 | Frankenia ... | ... | 49 |
| Eriobotrya ... | ... | 361 | Franklinia ... | ... | 61 |
| Eriogonum ... | ... | 589 | Fraxinus ... | ... | 529 |
| Escallonia ... | ... | 379 | Fremontia ... | ... | 63 |
| Eucalyptus ... | ... | 395 | Fuchsia ... | ... | 397 |
| Eucommia ... | ... | 19 | G. | | |
| Eucryphia ... | ... | 255 | | | |
| Eugenia ... | ... | 395 | Gale ... | ... | 649 |
| Euonymus ... | ... | 93 | Galphimia ... | ... | 577 |
| Euptelea ... | ... | 19 | Galvesia ... | ... | 589 |
| Eurotia ... | ... | 587 | Garrya ... | ... | 419 |
| Eurya ... | ... | 59 | Gaultheria ... | ... | 475 |
| Eurya ... | ... | 59, 95 | Gaultheria ... | ... | 471 |
| Eurybia ... | ... | 459, 461 | Gautiera ... | ... | 475 |
| Euscaphis ... | ... | 155 | Gaylussacia ... | ... | 465 |
| Evodia ... | ... | 99 | Geblera ... | ... | 607 |
| Exochorda ... | ... | 253 | Genista ... | ... | 167 |

| | Page. |
|--------------------|----------|
| Genista | 171-179 |
| Gleditschia | 203 |
| Globularia | 575 |
| Glycine | 183 |
| Goebelia | 201 |
| Gordonia | 61 |
| Grevillea | 595 |
| Grewia | 65 |
| Griselinia | 421 |
| Grossularia | 383, 385 |
| Gymnanthus | 19 |
| Gymnocladus | 201 |

H.

| | |
|----------------------|---------|
| Hahnia | 313 |
| Halesia | 521 |
| Halesia | 523 |
| Halimium | 43, 45 |
| Halimodendron | 191 |
| Halimus | 587 |
| Hamamelis | 393 |
| Hamamelis | 393 |
| Haplopappus | 459 |
| Hartogia | 233 |
| Hedera | 401 |
| Hedera | 401 |
| Hedysarum | 195 |
| Hedysarum | 197 |
| Heimia | 397 |
| Helianthemum | 41 |
| Helichrysum | 461 |
| Helwingia | 401 |
| Heteromeles | 359 |
| Hibiscus | 63 |
| Hicoria | 639-643 |

| | Page. |
|---------------------|-------|
| Hippophae | 605 |
| Hippophae | 605 |
| Holboellia | 23 |
| Homoiceltis | 631 |
| Hooibrenckia | 155 |
| Hortensia | 367 |
| Hovenia | 107 |
| Hultheimia | 293 |
| Hydrangea | 365 |
| Hymenanthera | 47 |
| Hyperanthera | 201 |
| Hypericum | 53 |
| Hyssopus | 583 |

I.

| | |
|--------------------|----------|
| Idesia | 49 |
| Ilex | 79 |
| Ilex | 93, 547 |
| Illicioides | 93 |
| Illicium | 13 |
| Incarvillea | 565, 575 |
| Indigofera | 183 |
| Isika | 437 |
| Itea | 381 |
| Itea | 49, 93 |
| Iva | 463 |

J.

| | |
|--------------------|--------------|
| Jamesia | 379 |
| Jasminoides | 565 |
| Jasminum | 523 |
| Juglans | 645 |
| Juglans | 639-643, 649 |

| | | | Page. |
|--------------|-----------|-----|----------|
| | K. | | |
| Kadsura | ... | ... | 19 |
| Kadsura | ... | ... | 19 |
| Kalmia | ... | ... | 493 |
| Kalopanax | ... | ... | 399 |
| Kerria | ... | ... | 253 |
| Kolomikta | ... | ... | 59 |
| Koelreuteria | ... | | 123, 791 |

| | | | |
|--------------|-----------|-----|----------|
| | L. | | |
| Laburnum | ... | ... | 163 |
| Laburnum | ... | ... | 167 |
| Lacathea | ... | ... | 61 |
| Lardizabala | ... | ... | 23 |
| Laurocerasus | ... | ... | 233 |
| Laureola | ... | ... | 77 |
| Laurus | ... | ... | 595 |
| Laurus | ... | ... | 593, 595 |
| Lavandula | ... | ... | 579 |
| Lavatera | ... | ... | 63 |
| Lazarolus | ... | ... | 297 |
| Ledum | ... | ... | 495 |
| Ledum | ... | ... | 495 |
| Leiophyllum | ... | ... | 495 |
| Lembotropis | ... | | 177, 179 |
| Lepargyrea | ... | ... | 605 |
| Lespedeza | ... | ... | 197 |
| Leucothoe | ... | ... | 477 |
| Leucothoe | ... | ... | 481 |
| Leycesteria | ... | ... | 455 |
| Ligustrina | ... | ... | 527 |
| Ligustrum | ... | ... | 549 |
| Limonia | ... | ... | 77 |
| Lildera | ... | ... | 595 |

| | | | Page. |
|--------------|-----|-----|---------|
| Linnaea | ... | ... | 437 |
| Linnaea | ... | ... | 435 |
| Linosyris | ... | ... | 459 |
| Linum | ... | ... | 73 |
| Lippia | ... | ... | 575 |
| Lippia | ... | ... | 577 |
| Liquidambar | ... | ... | 395 |
| Liquidambar | ... | ... | 649 |
| Liriodendron | ... | ... | 19 |
| Lithodora... | ... | ... | 561 |
| Lithospermum | ... | ... | 561 |
| Lithospermum | ... | ... | 561 |
| Litsaea | ... | ... | 593 |
| Loiseluria | ... | ... | 491 |
| Lonicera | ... | ... | 437 |
| Loranthus | ... | ... | 607 |
| Loropetalum | ... | ... | 395 |
| Lowea | ... | ... | 293 |
| Lupinus | ... | ... | 163 |
| Luzuriaga | ... | ... | 775 |
| Lycium | ... | ... | 563 |
| Lyonia | ... | ... | 479 |
| Lyonia | ... | ... | 477-483 |

| | | | |
|----------------|-----------|-----|-------------------|
| | M. | | |
| Maackia | ... | ... | 199 |
| Maclura | ... | ... | 631 |
| Maclura | ... | ... | 637 |
| Macrothyrsus | ... | ... | 129 |
| Magnolia | ... | ... | 13 |
| Magnolia | ... | ... | 17 |
| Mahonia | ... | ... | 23, 27, 29 |
| Malachodendron | ... | ... | 61 |
| Malonetia | ... | ... | 557 |
| Malus | ... | ... | 301-309, 313, 323 |

| | Page. |
|-------------------|----------|
| Oayris | 605 |
| Othera | 91 |
| Oxycoccus... .. | 471 |
| Oxycoccus | 467, 471 |
| Oxydendron | 479 |
| Ozothamnus | 461, 463 |

P.

| | |
|-----------------------|----------|
| Pachysandra | 611 |
| Pachystima | 99 |
| Padus | 227-235 |
| Paeonia | 9 |
| Paliurus | 101 |
| Panax | 399, 401 |
| Papyrius | 631 |
| Parechites | 557 |
| Parrotia | 393 |
| Parthenocissus | 119, 121 |
| Passerina | 601 |
| Passiflora | 397 |
| Paulownia | 565 |
| Paullinia | 121 |
| Pavia | 125-129 |
| Pentstemon | 565 |
| Peraphyllum | 365 |
| Periclymenum | 449, 451 |
| Periploca | 557 |
| Pernettya... .. | 475 |
| Pernettya | 475 |
| Persea | 593 |
| Persea | 593 |
| Persica | 207-211 |
| Petrophyton | 239 |
| Petteria | 167 |

| | Page. |
|----------------------|----------|
| Phellodendron | 75 |
| Photinia | 359 |
| Philadelphus | 373, 791 |
| Phillyraea | 545 |
| Phlomis | 585 |
| Photinia | 359 |
| Photinia | 359, 361 |
| Phyllanthus | 607 |
| Phyllodoce | 491 |
| Phyllostachys | 785 |
| Phyllostachys | 779, 781 |
| Physianthus | 557 |
| Physocarpus | 251, 253 |
| Picrasma | 77 |
| Pieris | 481 |
| Piptanthus | 163 |
| Pirenia | 311, 319 |
| Pistacia | 161 |
| Pittosporum | 49 |
| Plagianthus | 63 |
| Planera | 625 |
| Planera | 625, 627 |
| Plantago | 585 |
| Platanus | 637 |
| Platycrater | 377 |
| Platyosprion | 201 |
| Podocytisus | 165 |
| Poeppigia | 577 |
| Poliothyrsis | 49 |
| Polium | 585 |
| Polycarpa | 49 |
| Polygala | 49 |
| Polygonella... .. | 589 |
| Polygonum | 591 |
| Polygonum | 589, 591 |
| Polypetalia | 217 |

| | Page |
|----------------------------|--------|
| Trachelospermum ... | 557 |
| Trachycarpus ... | 777 |
| Tragopyrum ... | 589 |
| Tripetaleia ... | 495 |
| Triphasia ... | 77 |
| Trochodendron ... | 19 |
| Trocho stigma ... | 59, 61 |

U.

| | |
|-------------------------|---------|
| Ulex ... | 173 |
| Ulex ... | 169 |
| Ulmus ... | 613 |
| Ulmus ... | 625-629 |
| Umbellularia ... | 595 |
| Unedo ... | 473 |
| Ungnadia ... | 129 |
| Urostelma ... | 557 |
| Uvaria ... | 21 |

V.

| | |
|------------------------|----------|
| Vaccinium ... | 465 |
| Vaccinium ... | 465, 471 |
| Vella ... | 37 |
| Verbena ... | 575, 577 |
| Veronica ... | 567 |
| Viburnum ... | 427 |
| Vinca ... | 555 |
| Virgilia ... | 199 |
| Viscum ... | 607 |
| Vitex ... | 577 |
| Vitis ... | 113 |
| Vitis-Idaea ... | 471 |

Page.

W.

| | |
|------------------------|----------|
| Weigela ... | 455, 457 |
| Weinmannia ... | 381 |
| Wendlandia ... | 21 |
| Wikstroemia ... | 601 |
| Wintera ... | 11 |
| Winterana ... | 11 |
| Wistaria ... | 183 |

X.

| | |
|---|-----|
| Xanthoceras ... | 131 |
| Xanthorrhiza ... | 9 |
| Xolisma ... | 479 |
| Xylophylla ... | 607 |
| Xylosteum 437, 439, 443, 447-453 | |

Y.

| | |
|--------------------|-----|
| Yucca ... | 775 |
| Yulania ... | 15 |

Z.

| | |
|------------------------|----------|
| Zanthoxylum ... | 73 |
| Zanthoxylum ... | 75 |
| Zauschneria ... | 397 |
| Zelkova ... | 625 |
| Zenobia ... | 481 |
| Zenobia ... | 481, 483 |
| Zizyphus ... | 101 |

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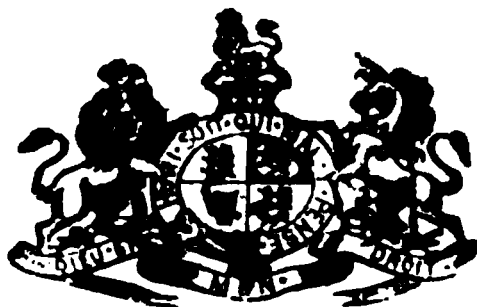
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